

Converting Colors

HunterLab(80.6161, -32.5204,
-20.4743)

Have a look what the booklet for
HunterLab(80.6161, -32.5204,
-20.4743) contains.

HunterLab(80.7895, -32.7414, -20.2220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.7895,
-32.7414, -20.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	4AE6FF
RGB	74, 230, 255
RGB Percent	29%, 90%, 100%
CMY	0.7098, 0.0980, 0.0000
CMYK	0.71, 0.10, 0.00, 0.00
HSL	188°, 100%, 65%
HSV	188°, 71%, 100%
XYZ	49.1708, 65.2694, 104.6144
YIQ	186.2060, -101.0010, -25.2970

Conversions

Conversions Part 2

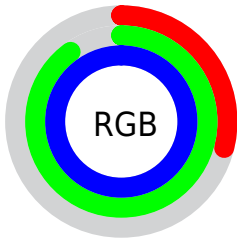
Format	Color
RYB	74, 158, 255
Decimal	4908799
CIELab	84.62, -32.33, -23.86
CIElCh	85, 40.186, 216.428
Yxy	65.2717, 0.2245, 0.2980
Android (android.graphics.Color)	4283098879 (0xFF4AE6FF)
YUV	186.2060, 33.9154, -98.4047
Hunter-Lab	80.7895, -32.7414, -20.2220

Details

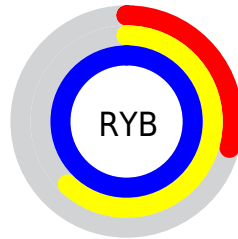
The HunterLab color **80.7895, -32.7414, -20.2220** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **55.3894, 54.3361, 28.1449**, and the grayscale version is **70.0542, -3.7379, 3.8062**.

A 20% lighter version of the original color is **92.0651, -34.1445, -4.7952**, and **58.6083, -25.4211, -18.3784** is the 20% darker color. If you saturate the color by 10%, you get **79.0669, -33.1172, -22.8027**, and if you desaturate by 10%, it is **82.7509, -31.4825, -17.3457**.

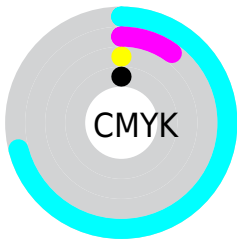
Distribution



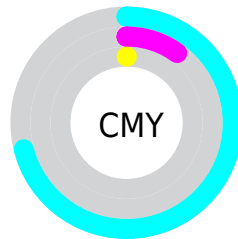
- Red (29%)
- Green (90%)
- Blue (100%)



- Red (29%)
- Yellow (62%)
- Blue (100%)



- Cyan (71%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7895, -32.7414, -20.2220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 80.7895, -32.7414, -20.2220 by changing the saturation by 10% instead.

80.7895, -32.7414,
-20.2220

80.7895, -32.7414,
-20.2220

210.6580,
-51.8060, -20.3581

69.0518, -30.4385,
-19.9437

106.0379,
-37.1832, -20.5988

57.9437, -28.0609,
-19.6068

119.4938,
-39.3421, -20.7065

47.5048, -25.5880,
-19.2087

133.4751,
-41.4698, -20.7630

37.7812, -22.9895,
-18.7525

147.9628,
-43.5719, -20.7709

28.8298, -20.2205,
-18.2497

162.9397,
-45.6530, -20.7324

20.7243, -17.2095,
-17.7346

178.3904,

13.5643, -13.8755,

-47.7171, -20.6495

-17.3088

194.3008,
-49.7672, -20.5241

■ 7.1544, -12.5202,
-18.6560

0.0000, NaN, -NF

■ 80.7895, -32.7414,
-20.2220

■ 80.7895, -32.7414,
-20.2220

■ 79.0669, -33.1172,
-22.8027

■ 82.7509, -31.4825,
-17.3457

■ 77.5603, -32.6712,
-25.1014

■ 84.9567, -29.3189,
-14.1886

■ 76.3490, -31.7092,
-26.9784

■ 87.4119, -26.2613,
-10.7678

■ 90.1152, -22.3434,
-7.1084

■ 93.0620, -17.6148,
-3.2388

■ 96.2451, -12.1357,
0.8120

■ 99.6554, -5.9714,
5.0158

■ 100.0000, -5.3358,
5.4332

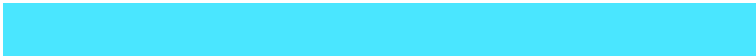
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7909, -38.7964, 0.2339



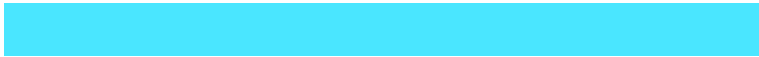
80.7895, -32.7414, -20.2220



80.7909, -18.9936, -36.3730

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7909, -32.7417, -20.2199



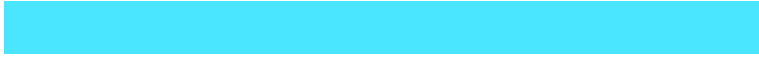
80.7909, 33.6549, -11.4800



80.7909, -8.5365, 32.7591

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.7895, -32.7414, -20.2220



55.3894, 54.3361, 28.1449

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7909, 11.4924, 31.0632



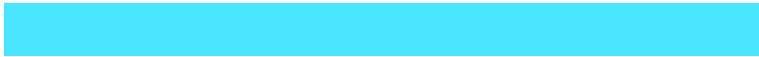
80.7895, -32.7414, -20.2220



80.7909, 37.1378, 8.3510

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7909, -32.7417, -20.2199



80.7909, 19.5765, -30.5362



80.7909, 28.6821, 23.0948



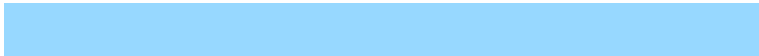
80.7909, -25.7173, 28.4618

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7895, -32.7414, -20.2220



80.7909, -6.6751, -40.7820



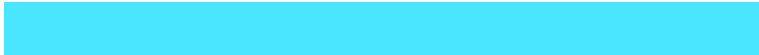
80.7909, 28.6821, 23.0948



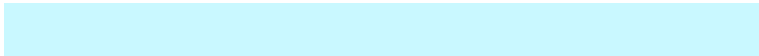
80.7909, -1.9277, 32.8523

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.7909, -32.7417, -20.2199



93.0546, -17.6272, -3.2484



85.9423, -65.6662, 43.8114



42.6638, -8.7950, -2.0061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7909, -32.7417, -20.2199



78.4359, -33.0312, -23.7608



52.4805, 11.2440, -74.3483



44.7530, -5.2141, 0.6577



55.3387, -23.1152, -19.2695



17.5912, -7.6299, -5.5168

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.4557, 84.4996, -42.3567



53.0113, 94.2464, -45.4071



76.1538, 8.7646, 42.0335



42.7255, 3.2656, -0.8845



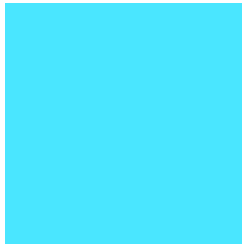
37.1745, 70.9539, -32.5008



11.6488, 22.3122, -10.7933

Previews

White Background



This preview shows how the HunterLab color 80.7895, -32.7414, -20.2220 looks on a white background.

Color Contrast Check

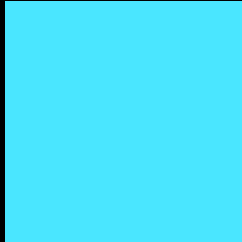
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 80.7895, -32.7414, -20.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 80.7895, -32.7414, -20.2220 Background



This preview shows how black text looks on a background with the HunterLab color 80.7895, -32.7414, -20.2220.



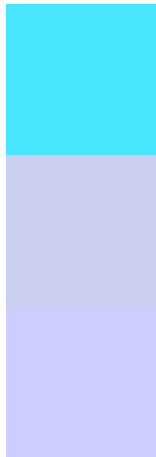
This preview shows how white text looks on a background with the HunterLab color 80.7895,

-32.7414, -20.2220.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.7895, -32.7414, -20.2220

Protanopia

80.1501, 0.4568, -11.5864

Deuteranopia

80.2133, 4.9357, -20.4162



Tritanopia

80.8431, -34.7040, -17.1226

Trichromacy



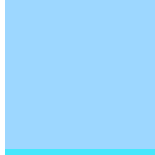
Original Color

80.7895, -32.7414, -20.2220



Protanomaly

79.2921, -15.0776, -15.9991



Deuteranomaly

79.3656, -12.3673, -21.9884



Tritanomaly

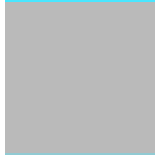
80.9442, -34.1586, -18.1786

Monochromacy



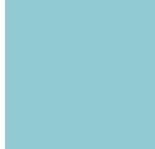
Original Color

80.7895, -32.7414, -20.2220



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

72.7763, -18.0765, -5.6796

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7895, -32.7414, -20.2220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(74, 230, 255)` looks like.

```
.text, #text, p{  
  color:rgb(74, 230, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(74, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 230, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7895, -32.7414, -20.2220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(74, 230, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(74, 230, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(74, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 230,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7895, -32.7414, -20.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 230, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(74, 230,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor