

Converting Colors

HunterLab(80.5301, -34.8012,
-20.6417)

Have a look what the booklet for
HunterLab(80.5301, -34.8012,
-20.6417) contains.

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Color

**HunterLab(80.6695,
-34.9800, -20.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	33E7FF
RGB	51, 231, 255
RGB Percent	20%, 91%, 100%
CMY	0.7999, 0.0941, 0.0000
CMYK	0.80, 0.09, 0.00, 0.00
HSL	187°, 100%, 60%
HSV	187°, 80%, 100%
XYZ	47.9912, 65.0757, 104.6393
YIQ	179.9160, -114.9840, -30.6960

Conversions

Conversions Part 2

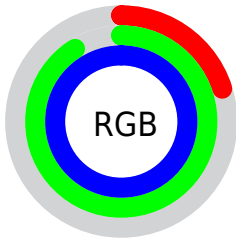
Format	Color
R_{YB}	51, 147, 255
Decimal	3401727
CIE _{Lab}	84.52, -35.14, -24.05
CIE _{LCh}	85, 42.582, 214.388
Yxy	65.0780, 0.2204, 0.2989
Android (android.graphics.Color)	4281591807 (0xFF33E7FF)
YUV	179.9160, 37.0164, -113.0593
Hunter-Lab	80.6695, -34.9800, -20.4385

Details

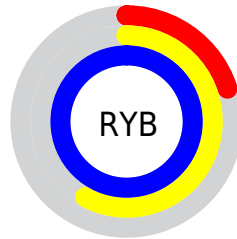
The HunterLab color **80.6695, -34.9800, -20.4385** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **51.5106, 63.5604, 29.2459**, and the grayscale version is **67.4109, -3.5969, 3.6626**.

A 20% lighter version of the original color is **91.4579, -36.4575, -5.6142**, and **58.9382, -25.8431, -17.8799** is the 20% darker color. If you saturate the color by 10%, you get **79.3234, -34.8346, -22.4454**, and if you desaturate by 10%, it is **82.2346, -34.3038, -18.1389**.

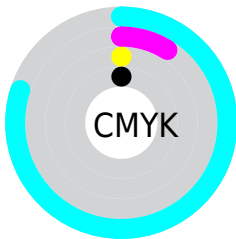
Distribution



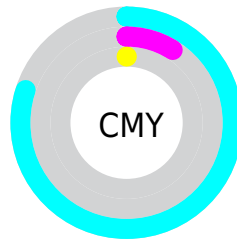
- Red (20%)
- Green (91%)
- Blue (100%)



- Red (20%)
- Yellow (58%)
- Blue (100%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6695, -34.9800, -20.4385 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 80.6695, -34.9800, -20.4385 by changing the saturation by 10% instead.

80.6695, -34.9800,
-20.4385

80.6695, -34.9800,
-20.4385

210.4928,
-55.1519, -20.6277

68.9379, -32.5211,
-20.1540

105.9065,
-39.7073, -20.8276

57.8363, -29.9766,
-19.8110

119.3570,
-41.9983, -20.9414

47.4043, -27.3231,
-19.4072

133.3332,
-44.2522, -21.0039

37.6880, -24.5270,
-18.9459

147.8159,
-46.4754, -21.0178

28.7447, -21.5382,
-18.4393

162.7881,
-48.6730, -20.9851

20.6481, -18.2771,
-17.9231

178.2341,

13.4981, -14.7559,

-50.8494, -20.9079

-17.5030

194.1400,
-53.0080, -20.7882

■ 7.0769, -12.3845,
-18.9884

0.0000, NaN, -NF

■ 80.6695, -34.9800,
-20.4385

■ 80.6695, -34.9800,
-20.4385

■ 79.3234, -34.8346,
-22.4454

■ 82.2346, -34.3038,
-18.1389

■ 78.1489, -34.0298,
-24.2178

■ 84.0333, -32.7433,
-15.5431

■ 78.1480, -34.0292,
-24.2191

■ 86.0778, -30.2766,
-12.6547

■ 88.3725, -26.9123,
-9.4898

■ 90.9173, -22.6821,
-6.0709

■ 93.7085, -17.6344,
-2.4249

■ 96.7397, -11.8288,
1.4201

■ 100.0000, -5.3358,
5.4332

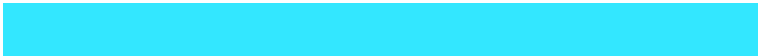
Harmonies

Analogous

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



80.6709, -40.7283, 1.3984



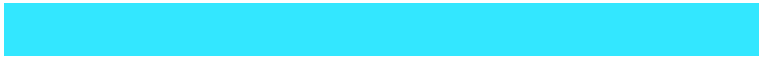
80.6695, -34.9800, -20.4385



80.6709, -21.0208, -38.4574

Triad

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



80.6709, -34.9803, -20.4364



80.6709, 35.3978, -14.0261



80.6709, -7.3732, 34.0538

Complementary

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



80.6695, -34.9800, -20.4385



51.5106, 63.5604, 29.2459

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.



80.6709, 13.8854, 31.9025



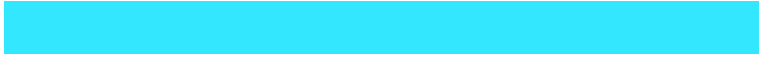
80.6695, -34.9800, -20.4385



80.6709, 39.9955, 7.2734

Square

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



80.6709, -34.9803, -20.4364



80.6709, 19.7702, -34.1418



80.6709, 31.7639, 23.2018



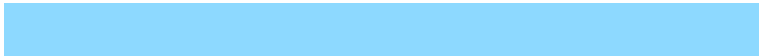
80.6709, -25.8576, 30.0793

Rectangle

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



80.6695, -34.9800, -20.4385



80.6709, -8.2166, -43.9120



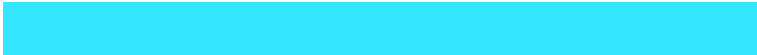
80.6709, 31.7639, 23.2018



80.6709, -0.3250, 34.0130

Sweetspot

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



80.6709, -34.9803, -20.4364



92.5608, -19.7517, -3.9115



85.2818, -68.8906, 46.7392



42.3659, -9.9602, -2.4080

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6709, -34.9803, -20.4364



78.6054, -34.3981, -23.5261



48.6627, 14.9588, -85.0213



44.8275, -5.3330, 0.7460



56.6180, -24.7621, -17.3133



17.9444, -8.0794, -4.9878

Inverse Universe

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



54.2208, 92.2654, -47.6461



51.9456, 98.4546, -48.5576



72.7099, 13.9720, 42.4925



42.7334, 3.3078, -0.9963



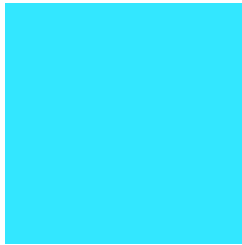
37.3685, 71.6352, -35.0813



11.7030, 22.5024, -11.5124

Previews

White Background



This preview shows how the HunterLab color 80.6695, -34.9800, -20.4385 looks on a white background.

Color Contrast Check

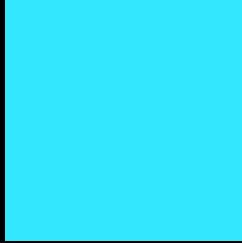
Large Text (above 18pt) WCAG AA × Fail

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 80.6695, -34.9800, -20.4385 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 80.6695, -34.9800, -20.4385 Background



This preview shows how black text looks on a background with the HunterLab color 80.6695, -34.9800, -20.4385.



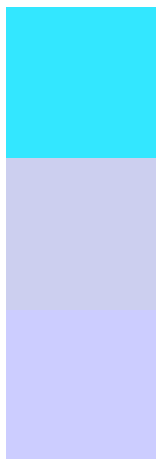
This preview shows how white text looks on a background with the HunterLab color 80.6695,

-34.9800, -20.4385.

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

80.6695, -34.9800, -20.4385

Protanopia

79.8092, 0.7796, -11.4743

Deuteranopia

79.8248, 5.1712, -20.9918



Tritanopia

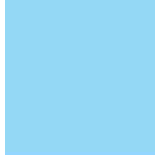
80.7831, -36.6435, -17.8477

Trichromacy



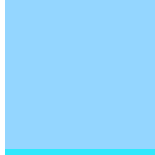
Original Color

80.6695, -34.9800, -20.4385



Protanomaly

78.7402, -17.0803, -16.8270



Deuteranomaly

78.4914, -13.8534, -23.3403



Tritanomaly

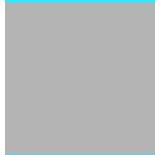
80.8516, -36.2995, -18.3504

Monochromacy



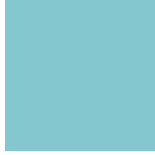
Original Color

80.6695, -34.9800, -20.4385



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

70.9496, -20.1083, -5.9637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6695, -34.9800, -20.4385 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(51, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 231, 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(51, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 231, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6695, -34.9800, -20.4385 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(51, 231, 255) }
```


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

```
.border{ border-color:rgb(51, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 231,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6695, -34.9800, -20.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 231, 255) }
```

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

```
.background{ background-color: rgb(51, 231,  
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](#).

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