

Converting Colors

HunterLab(63.7101, -14.5331,
-27.1372)

Have a look what the booklet for
HunterLab(63.7101, -14.5331,
-27.1372) contains.

HunterLab(63.6488, -14.2638, -27.3856)	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(63.6488,
-14.2638, -27.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB4E1
RGB	95, 180, 225
RGB Percent	37%, 71%, 88%
CMY	0.6274, 0.2941, 0.1176
CMYK	0.58, 0.20, 0.00, 0.12
HSL	201°, 68%, 63%
HSV	201°, 58%, 88%
XYZ	34.6312, 40.5117, 77.2285
YIQ	159.7150, -65.1050, -4.0250

Conversions

Conversions Part 2

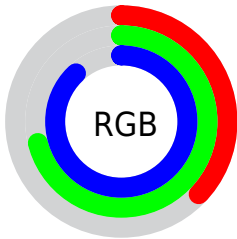
Format	Color
R _{YB}	95, 146, 225
Decimal	6272225
CIE _{Lab}	69.83, -12.85, -30.37
CIE _{LCh}	70, 32.980, 247.072
Yxy	40.5132, 0.2273, 0.2659
Android (android.graphics.Color)	4284462305 (0xFF5FB4E1)
YUV	159.7150, 32.1855, -56.7551
Hunter-Lab	63.6488, -14.2638, -27.3856

Details

The HunterLab color **63.6488, -14.2638, -27.3856** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **59.6588, 22.7469, 26.3986**, and the grayscale version is **59.0669, -3.1517, 3.2092**.

A 20% lighter version of the original color is **86.0703, -23.3447, -12.5437**, and **42.6963, -11.4498, -26.7016** is the 20% darker color. If you saturate the color by 10%, you get **60.3492, -13.6401, -33.0367**, and if you desaturate by 10%, it is **67.1794, -14.1143, -21.7208**.

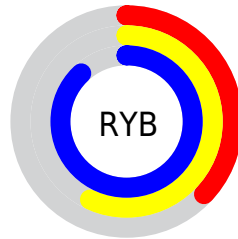
Distribution



Red (37%)

Green (71%)

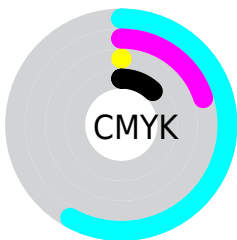
Blue (88%)



Red (37%)

Yellow (57%)

Blue (88%)

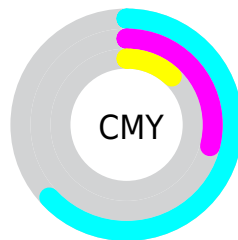


Cyan (58%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (63%)

Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6488, -14.2638, -27.3856 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 63.6488, -14.2638, -27.3856 by changing the saturation by 10% instead.

63.6488, -14.2638,
-27.3856

63.6488, -14.2638,
-27.3856

186.6231,
-25.7986, -29.8034

52.8572, -12.9876,
-26.8567

87.1460, -16.7985,
-28.2868

42.7546, -11.6970,
-26.2891

99.7848, -18.0655,
-28.6569

33.3930, -10.3815,
-25.7039

112.9815,
-19.3362, -28.9732

24.8363, -9.0245,
-25.1533

126.7136,
-20.6124, -29.2371

17.1691, -7.5982,
-24.7670

140.9610,
-21.8956, -29.4503

10.5096, -6.1450,
-24.9254

155.7056,

0.0000, NaN, -NF

-23.1872, -29.6145

0.0000, NaN, -NF

170.9312,
-24.4879, -29.7316

0.0000, NaN, NaN

■ 63.6488, -14.2638,
-27.3856

■ 63.6488, -14.2638,
-27.3856

■ 60.3492, -13.6401,
-33.0367

■ 67.1794, -14.1143,
-21.7208

■ 57.2871, -12.2029,
-38.6392

■ 70.9246, -13.2486,
-16.0781

■ 54.4679, -9.9427,
-44.1526

■ 74.8712, -11.7310,
-10.4806

■ 51.8802, -6.9187,
-49.5619

■ 79.0051, -9.6267,
-4.9448

■ 51.3222, -6.1935,
-50.7782

■ 83.3124, -6.9983,
0.5191

87.7800, -3.9039,
5.9064

92.3961, -0.3958,
11.2160

95.0716, -3.6389,
14.0943

97.5344, -7.7174,
16.6622

Harmonies

Analogous

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



63.6500, -24.8412, -15.4198



63.6488, -14.2638, -27.3856



63.6500, 0.1949, -30.2713

Triad

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



63.6500, -14.2638, -27.3844



63.6500, 27.8691, 6.7548



63.6500, -19.8893, 21.7170

Complementary

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



63.6488, -14.2638, -27.3856



59.6588, 22.7469, 26.3986

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.



63.6500, -6.9161, 25.1421



63.6488, -14.2638, -27.3856



63.6500, 21.3196, 17.8997

Square

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



63.6500, -14.2638, -27.3844



63.6500, 25.4406, -8.1935



63.6500, 8.2459, 23.9279



63.6500, -27.8727, 13.2645

Rectangle

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



63.6488, -14.2638, -27.3856



63.6500, 10.2836, -26.1718



63.6500, 8.2459, 23.9279



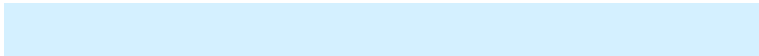
63.6500, -16.0164, 23.3931

Sweetspot

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



63.6500, -14.2638, -27.3844



91.3684, -10.9129, -5.2824



76.2425, -48.5376, 27.3321



41.8164, -5.3031, -3.0375

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6500, -14.2638, -27.3844



68.9273, -15.5042, -39.1786



45.2945, 17.8139, -65.0237



38.3820, -3.4721, -0.1798



39.2480, -5.1609, -37.9156



11.1038, -2.5403, -8.3949

Inverse Universe

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



52.4297, 55.9479, -15.5452



55.4603, 76.0613, -19.1164



77.2687, -9.1968, 39.1430



37.2167, 2.4159, 0.2323



32.3467, 59.2244, -8.7854



8.6135, 15.9413, -3.6627

Previews

White Background



This preview shows how the HunterLab color 63.6488, -14.2638, -27.3856 looks on a white background.

Color Contrast Check

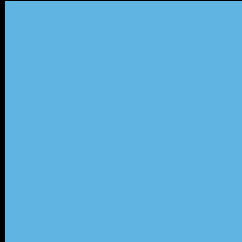
Large Text (above 18pt) WCAG AA × Fail

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 63.6488, -14.2638, -27.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

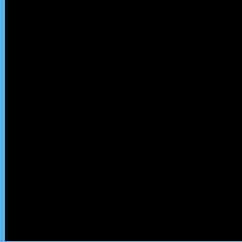
Any Text WCAG AA ✓ Pass

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 63.6488, -14.2638, -27.3856 Background



This preview shows how black text looks on a background with the HunterLab color 63.6488, -14.2638, -27.3856.



This preview shows how white text looks on a background with the HunterLab color 63.6488, -14.2638, -27.3856.

-14.2638, -27.3856.

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

63.6488, -14.2638, -27.3856

Protanopia

63.3492, 2.6982, -21.7202

Deuteranopia

63.3316, 5.1474, -29.6000



Tritanopia

63.8015, -24.0443, -11.3189

Trichromacy



Original Color

63.6488, -14.2638, -27.3856

Protanomaly

62.9983, -4.3619, -24.3300

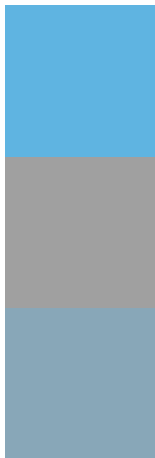
Deuteranomaly

63.2753, -2.7140, -29.1534

Tritanomaly

63.6363, -20.6408, -16.7478

Monochromacy



Original Color

63.6488, -14.2638, -27.3856

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.2763, -8.8728, -7.6187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6488, -14.2638, -27.3856 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(95, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(95, 180, 225)  
}
```

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(95, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 180, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6488, -14.2638, -27.3856 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(95, 180, 225) }
```


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

```
.border{ border-color:rgb(95, 180, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 180, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(95, 180,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6488, -14.2638, -27.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 180, 225) }
```

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

```
.background{ background-color: rgb(95, 180,  
225) }
```

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