

Converting Colors

HunterLab(64.7216, -6.0711,
-28.0947)

Have a look what the booklet for
HunterLab(64.7216, -6.0711,
-28.0947) contains.

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Color

**HunterLab(64.8746, -6.3189,
-27.8827)**

Conversions

Conversions Part 1

Format	Color
Hex	80B2E5
RGB	128, 178, 229
RGB Percent	50%, 70%, 90%
CMY	0.4980, 0.3019, 0.1020
CMYK	0.44, 0.22, 0.00, 0.10
HSL	210°, 66%, 70%
HSV	210°, 44%, 90%
XYZ	38.9653, 42.0871, 80.1987
YIQ	168.8640, -46.1710, 5.2610

Conversions

Conversions Part 2

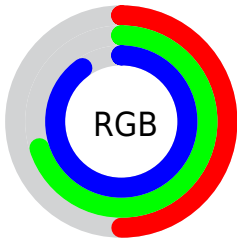
Format	Color
R _Y B	128, 161, 229
Decimal	8434405
CIE Lab	70.93, -3.27, -30.74
CIE LCh	71, 30.911, 263.933
Yxy	42.0887, 0.2416, 0.2610
Android (android.graphics.Color)	4286624485 (0xFF80B2E5)
YUV	168.8640, 29.6470, -35.8377
Hunter-Lab	64.8746, -6.3189, -27.8827

Details

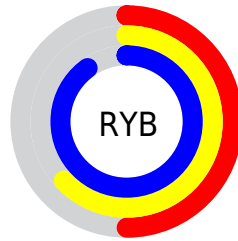
The HunterLab color $64.8746, -6.3189, -27.8827$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $71.0338, 7.1918, 26.8496$, and the grayscale version is $62.8288, -3.3524, 3.4136$.

A 20% lighter version of the original color is $87.3956, -15.1179, -10.5947$, and $43.9506, -5.1240, -26.3411$ is the 20% darker color. If you saturate the color by 10%, you get $60.0827, -5.0335, -36.2169$, and if you desaturate by 10%, it is $69.9047, -6.8972, -19.9190$.

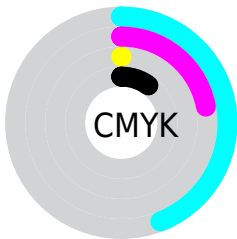
Distribution



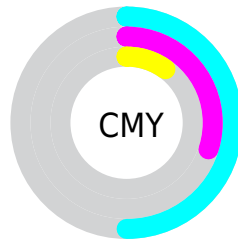
- Red (50%)
- Green (70%)
- Blue (90%)



- Red (50%)
- Yellow (63%)
- Blue (90%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8746, -6.3189, -27.8827 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 64.8746, -6.3189, -27.8827 by changing the saturation by 10% instead.

■ 64.8746, -6.3189,
-27.8827

■ 64.8746, -6.3189,
-27.8827

188.3748,
-14.1512, -30.3351

■ 54.0100, -5.5666,
-27.3512

■ 88.5064, -7.8978,
-28.7897

■ 43.8293, -4.8388,
-26.7809

■ 101.2076, -8.7232,
-29.1632

■ 34.3833, -4.1355,
-26.1922

■ 114.4643, -9.5719,
-29.4833

■ 25.7346, -3.4560,
-25.6344

128.2539,
-10.4437, -29.7512

■ 17.9646, -2.7979,
-25.2289

142.5568,
-11.3379, -29.9686

■ 11.1871, -2.1554,
-25.3219

157.3550,

■ 3.2122, -4.6036,

-12.2542, -30.1372

-51.8272

172.6325,
-13.1921, -30.2588

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.8746, -6.3189,
-27.8827

■ 64.8746, -6.3189,
-27.8827

■ 60.0827, -5.0335,
-36.2169

■ 69.9047, -6.8972,
-19.9190

■ 55.5533, -2.9412,
-44.9354

■ 75.1447, -6.8604,
-12.3053

■ 51.3180, 0.0531,
-54.0224

■ 80.5742, -6.2919,
-5.0085

■ 47.4070, 4.0232,
-63.4283

■ 86.1745, -5.2635,
2.0055

■ 43.8456, 8.9887,

■ 91.9299, -3.8366,

-73.0663

8.7700

■ 41.8922, 12.2873,
-78.8864

■ 96.7850, -5.6722,
14.1278

■ 99.2155, -9.6505,
16.6683

Harmonies

Analogous

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



64.8758, -18.7358, -21.1000



64.8746, -6.3189, -27.8827



64.8758, 7.9590, -24.8982

Triad

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



64.8758, -6.3192, -27.8814



64.8758, 23.3571, 13.1882



64.8758, -24.0480, 17.0095

Complementary

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



64.8746, -6.3189, -27.8827



71.0338, 7.1918, 26.8496

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.



64.8758, -14.1496, 23.0318



64.8746, -6.3189, -27.8827



64.8758, 13.3633, 21.1793

Square

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



64.8758, -6.3192, -27.8814



64.8758, 25.9048, 0.7324



64.8758, -0.5608, 24.3755



64.8758, -28.3909, 6.2109

Rectangle

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



64.8746, -6.3189, -27.8827



64.8758, 16.5365, -18.0383



64.8758, -0.5608, 24.3755



64.8758, -21.3033, 19.5579

Sweetspot

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



64.8758, -6.3192, -27.8814



91.6663, -7.0114, -4.8310



79.9145, -39.3171, 17.1087



41.7689, -3.3373, -3.0650

0.0000, NaN, NaN



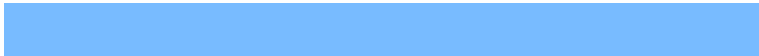
46.2646, -2.4686, 2.5136

Same Dimension

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



64.8758, -6.3192, -27.8814



68.2932, -5.8327, -40.1556



50.6816, 19.6630, -55.1466



38.8069, -2.7381, -0.8010



32.0535, 8.5385, -58.4962



9.7207, 0.4426, -13.1055

Inverse Universe

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



59.4240, 40.4004, -4.7020



61.8339, 55.9957, -5.8664



86.1719, -17.7531, 38.7356



38.0610, 2.2073, 0.9734



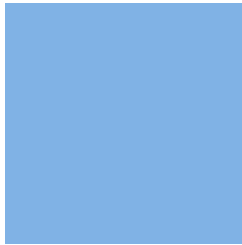
31.9920, 57.0087, 3.4530



8.8038, 15.8862, -0.5856

Previews

White Background



This preview shows how the HunterLab color 64.8746, -6.3189, -27.8827 looks on a white background.

Color Contrast Check

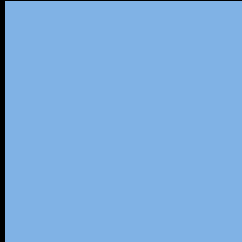
Large Text (above 18pt) WCAG AA × Fail

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 64.8746, -6.3189, -27.8827 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

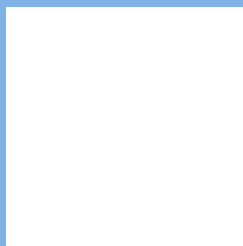
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.8746, -6.3189, -27.8827 Background



This preview shows how black text looks on a background with the HunterLab color 64.8746, -6.3189, -27.8827.



This preview shows how white text looks on a background with the HunterLab color 64.8746, -6.3189, -27.8827.

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

64.8746, -6.3189, -27.8827

Protanopia

64.7137, 3.4703, -24.6736

Deuteranopia

64.6437, 5.3303, -29.4137



Tritanopia

65.0232, -17.8706, -8.9613

Trichromacy



Original Color

64.8746, -6.3189, -27.8827

Protanomaly

64.8529, -0.4350, -25.8253

Deuteranomaly

64.6555, 0.7604, -28.7966

Tritanomaly

64.9592, -14.0332, -15.2753

Monochromacy



Original Color

64.8746, -6.3189, -27.8827

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.3535, -5.2596, -7.1827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8746, -6.3189, -27.8827 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(128, 178, 229)` looks like.

```
.text, #text, p{  
    color:rgb(128, 178, 229)  
}
```

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(128, 178, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 178, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8746, -6.3189, -27.8827 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(128, 178, 229) }
```


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

```
.border{ border-color:rgb(128, 178, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 178, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 178, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 178, 229);  
box-shadow:4px 4px 4px 4px rgb(128, 178,  
229) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8746, -6.3189, -27.8827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 178, 229) }
```

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

```
.background{ background-color: rgb(128,  
178, 229) }
```

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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