

Converting Colors

HunterLab(64.8867, -5.9525,
-28.1734)

Have a look what the booklet for
HunterLab(64.8867, -5.9525,
-28.1734) contains.

HunterLab(64.9346, -6.1075, -27.7794)	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(64.9346, -6.1075,
-27.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	81B2E5
RGB	129, 178, 229
RGB Percent	51%, 70%, 90%
CMY	0.4941, 0.3019, 0.1020
CMYK	0.44, 0.22, 0.00, 0.10
HSL	211°, 66%, 70%
HSV	211°, 44%, 90%
XYZ	39.1165, 42.1650, 80.2057
YIQ	169.1630, -45.5750, 5.4730

Conversions

Conversions Part 2

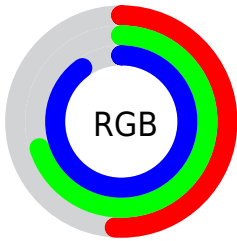
Format	Color
R _Y B	129, 162, 229
Decimal	8499941
CIE Lab	70.99, -3.02, -30.65
CIE LCh	71, 30.799, 264.376
Yxy	42.1666, 0.2422, 0.2611
Android (android.graphics.Color)	4286690021 (0xFF81B2E5)
YUV	169.1630, 29.4996, -35.2230
Hunter-Lab	64.9346, -6.1075, -27.7794

Details

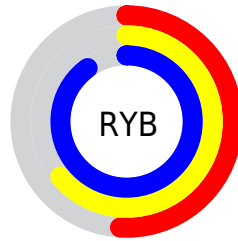
The HunterLab color $64.9346, -6.1075, -27.7794$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $71.3350, 6.7785, 26.8116$, and the grayscale version is $62.9526, -3.3590, 3.4203$.

A 20% lighter version of the original color is $87.3956, -15.1179, -10.5947$, and $43.9947, -4.9680, -26.2578$ is the 20% darker color. If you saturate the color by 10%, you get $60.0983, -4.7982, -36.1841$, and if you desaturate by 10%, it is $70.0090, -6.7132, -19.7579$.

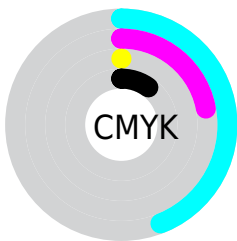
Distribution



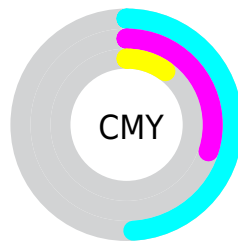
- Red (51%)
- Green (70%)
- Blue (90%)



- Red (51%)
- Yellow (64%)
- Blue (90%)



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



- Cyan (49%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9346, -6.1075, -27.7794 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 64.9346, -6.1075, -27.7794 by changing the saturation by 10% instead.

■ 64.9346, -6.1075,
-27.7794

■ 64.9346, -6.1075,
-27.7794

188.4604,
-13.8463, -30.2092

■ 54.0664, -5.3683,
-27.2500

■ 88.5730, -7.6624,
-28.6816

■ 43.8819, -4.6545,
-26.6813

■ 101.2772, -8.4767,
-29.0526

■ 34.4319, -3.9664,
-26.0935

■ 114.5368, -9.3148,
-29.3701

■ 25.7787, -3.3035,
-25.5351

128.3292,
-10.1763, -29.6354

■ 18.0037, -2.6640,
-25.1258

142.6348,
-11.0607, -29.8502

■ 11.2205, -2.0432,
-25.2066

157.4356,

■ 3.3033, -4.1583,

-11.9675, -30.0163

-50.2867

172.7156,
-12.8962, -30.1353

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.9346, -6.1075,
-27.7794

■ 64.9346, -6.1075,
-27.7794

■ 60.0983, -4.7982,
-36.1841

■ 70.0090, -6.7132,
-19.7579

■ 55.5249, -2.6843,
-44.9889

■ 75.2930, -6.7080,
-12.0960

■ 51.2465, 0.3314,
-54.1810

■ 80.7660, -6.1754,
-4.7586

■ 47.2946, 4.3260,
-63.7126

■ 86.4095, -5.1872,
2.2902

■ 43.6961, 9.3235,

■ 92.2074, -3.8045,

-73.4958

9.0855

■ 41.5838, 12.9093,
-79.8436

■ 97.0048, -6.0359,
14.3598

■ 99.2155, -9.6506,
16.6683

Harmonies

Analogous

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



64.9358, -18.5374, -21.1577



64.9346, -6.1075, -27.7794



64.9358, 8.1208, -24.6643

Triad

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



64.9358, -6.1078, -27.7781



64.9358, 23.1574, 13.3157



64.9358, -24.0960, 16.8501

Complementary

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



64.9346, -6.1075, -27.7794



71.3350, 6.7785, 26.8116

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.



64.9358, -14.2977, 22.9329



64.9346, -6.1075, -27.7794



64.9358, 13.1141, 21.2184

Square

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



64.9358, -6.1078, -27.7781



64.9358, 25.8193, 0.9521



64.9358, -0.7860, 24.3418



64.9358, -28.3384, 6.0152

Rectangle

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



64.9346, -6.1075, -27.7794



64.9358, 16.6305, -17.7676



64.9358, -0.7860, 24.3418



64.9358, -21.3855, 19.4175

Sweetspot

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



64.9358, -6.1078, -27.7781



91.6130, -6.9242, -4.8978



79.9759, -39.0515, 16.9792



41.7401, -3.2902, -3.1017

0.0000, NaN, NaN



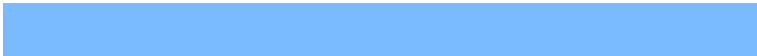
46.2646, -2.4686, 2.5136

Same Dimension

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



64.9358, -6.1078, -27.7781



68.6196, -5.6724, -39.5610



51.0160, 19.3550, -54.3775



38.7910, -2.7119, -0.8204



31.8221, 8.9989, -59.2009



9.6636, 0.5434, -13.2516

Inverse Universe

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



59.6442, 39.8743, -4.4203



62.3550, 54.7895, -5.5208



86.1873, -17.6666, 38.5105



38.0593, 2.1985, 0.9967



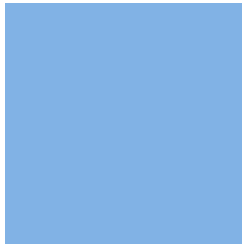
31.9687, 56.9237, 3.7872



8.7975, 15.8632, -0.4959

Previews

White Background



This preview shows how the HunterLab color 64.9346, -6.1075, -27.7794 looks on a white background.

Color Contrast Check

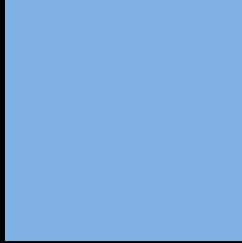
Large Text (above 18pt) WCAG AA × Fail

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 64.9346, -6.1075, -27.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

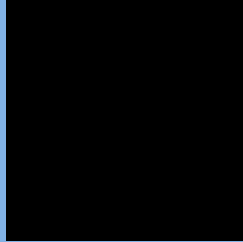
Any Text WCAG AA ✓ Pass

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 64.9346, -6.1075, -27.7794 Background



This preview shows how black text looks on a background with the HunterLab color 64.9346, -6.1075, -27.7794.



This preview shows how white text looks on a background with the HunterLab color 64.9346, -6.1075, -27.7794.

-27.7794.

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

64.9346, -6.1075, -27.7794

Protanopia

64.7137, 3.4703, -24.6736

Deuteranopia

64.9342, 4.8095, -28.9336



Tritanopia

65.0779, -17.6684, -8.8832

Trichromacy



Original Color

64.9346, -6.1075, -27.7794

Protanomaly

64.8529, -0.4350, -25.8253

Deuteranomaly

64.9525, 0.2487, -28.3086

Tritanomaly

65.0156, -13.8277, -15.1891

Monochromacy



Original Color

64.9346, -6.1075, -27.7794

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 64.9346, -6.1075, -27.7794 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(129, 178, 229)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 178, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 178, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9346, -6.1075, -27.7794 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(129, 178, 229) }
```


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

```
.border{ border-color:rgb(129, 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(129, 178, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 178, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 178, 229); box-shadow:4px 4px 4px 4px rgb(129, 178, 229) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9346, -6.1075, -27.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 178, 229) }
```

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

```
.background{ background-color: rgb(129,  
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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