

Converting Colors

HunterLab(66.1328, -4.6218,
-29.1183)

Have a look what the booklet for
HunterLab(66.1328, -4.6218,
-29.1183) contains.

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Color

**HunterLab(66.1316, -4.6215,
-29.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	87B4EA
RGB	135, 180, 234
RGB Percent	53%, 71%, 92%
CMY	0.4706, 0.2941, 0.0823
CMYK	0.42, 0.23, 0.00, 0.08
HSL	213°, 70%, 72%
HSV	213°, 42%, 92%
XYZ	41.1642, 43.7339, 84.1138
YIQ	172.7010, -44.1540, 7.2540

Conversions

Conversions Part 2

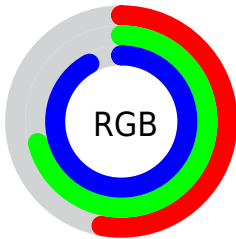
Format	Color
R _Y B	135, 166, 234
Decimal	8893674
CIE Lab	72.05, -1.23, -31.70
CIE LCh	72, 31.724, 267.773
Yxy	43.7355, 0.2436, 0.2588
Android (android.graphics.Color)	4287083754 (0xFF87B4EA)
YUV	172.7010, 30.2204, -33.0638
Hunter-Lab	66.1316, -4.6215, -29.1197

Details

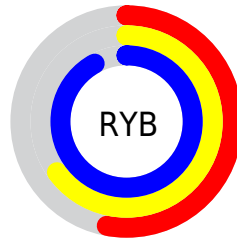
The HunterLab color **66.1316, -4.6215, -29.1197** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.5910, 4.6817, 27.8236**, and the grayscale version is **64.4131, -3.4369, 3.4997**.

A 20% lighter version of the original color is **88.5536, -14.3038, -9.0276**, and **44.7832, -3.2382, -28.2249** is the 20% darker color. If you saturate the color by 10%, you get **60.8971, -2.9652, -38.3157**, and if you desaturate by 10%, it is **71.6153, -5.5629, -20.4139**.

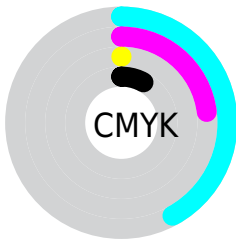
Distribution



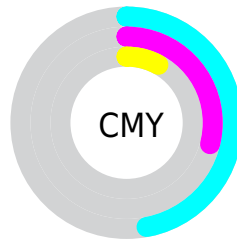
- Red (53%)
- Green (71%)
- Blue (92%)



- Red (53%)
- Yellow (65%)
- Blue (92%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1316, -4.6215, -29.1197 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 66.1316, -4.6215, -29.1197 by changing the saturation by 10% instead.

■ 66.1316, -4.6215,
-29.1197

■ 66.1316, -4.6215,
-29.1197

190.1652,
-11.7089, -31.7427

■ 55.1930, -3.9733,
-28.5734

■ 89.8997, -6.0094,
-30.0607

■ 44.9333, -3.3569,
-27.9908

■ 102.6643, -6.7461,
-30.4527

■ 35.4023, -2.7741,
-27.3929

■ 115.9817, -7.5100,
-30.7919

■ 26.6607, -2.2267,
-26.8300

129.8297, -8.3003,
-31.0792

■ 18.7875, -1.7167,
-26.4225

144.1888, -9.1160,
-31.3163

■ 11.8917, -1.2459,
-26.5043

159.0415, -9.9565,

■ 4.7655, -1.3816,

-31.5048

-38.6508

174.3717,
-10.8210, -31.6464

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 66.1316, -4.6215,
-29.1197

■ 66.1316, -4.6215,
-29.1197

■ 60.8971, -2.9652,
-38.3157

■ 71.6153, -5.5629,
-20.4139

■ 55.9409, -0.4807,
-48.0409

■ 77.3166, -5.8905,
-12.1544

■ 51.3012, 2.9455,
-58.3014

■ 83.2131, -5.6932,
-4.2877

■ 47.0184, 7.4096,
-69.0571

■ 89.2847, -5.0461,
3.2367

■ 43.1308, 12.9528,

■ 95.5147, -4.0122,

-80.2031

10.4653

■ 40.4029, 17.8453,
-89.0231

■ 99.3582, -8.8631,
14.6179

Harmonies

Analogous

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



66.1328, -17.8774, -23.2803



66.1316, -4.6215, -29.1197



66.1328, 10.0957, -24.7303

Triad

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



66.1328, -4.6218, -29.1183



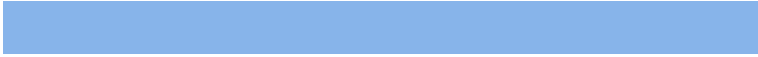
66.1328, 23.2490, 14.8966



66.1328, -25.6903, 16.3413

Complementary

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



66.1316, -4.6215, -29.1197



74.5910, 4.6817, 27.8236

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.



66.1328, -16.1389, 23.1726



66.1316, -4.6215, -29.1197



66.1328, 12.1506, 22.4748

Square

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



66.1328, -4.6218, -29.1183



66.1328, 26.9962, 2.5515



66.1328, -2.4355, 25.1486



66.1328, -29.3640, 4.6312

Rectangle

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



66.1316, -4.6215, -29.1197



66.1328, 18.6184, -17.0325



66.1328, -2.4355, 25.1486



66.1328, -23.1037, 19.1796

Sweetspot

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



66.1328, -4.6218, -29.1183



91.2398, -6.3111, -5.3676



82.2312, -38.6877, 15.7699



41.5383, -2.9592, -3.3601

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1328, -4.6218, -29.1183



67.7376, -3.5052, -41.1310



53.5714, 19.6968, -52.7969



39.5939, -2.5888, -0.9880



30.6881, 12.5195, -65.3834



9.6413, 1.4388, -15.1569

Inverse Universe

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



61.7391, 38.9311, -2.7438



62.7519, 52.9650, -3.2843



88.0539, -18.9730, 38.4912



38.9460, 2.1984, 1.1852



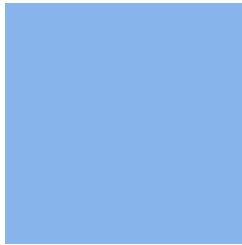
32.3164, 57.2419, 6.1613



9.1611, 16.4241, 0.2186

Previews

White Background



This preview shows how the HunterLab color 66.1316, -4.6215, -29.1197 looks on a white background.

Color Contrast Check

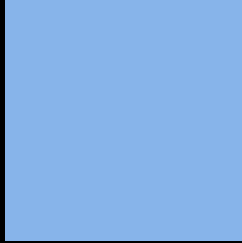
Large Text (above 18pt) WCAG AA × Fail

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 66.1316, -4.6215, -29.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

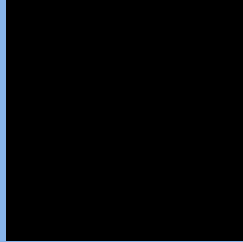
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

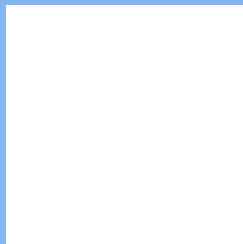
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.1316, -4.6215, -29.1197 Background



This preview shows how black text looks on a background with the HunterLab color 66.1316, -4.6215, -29.1197.



This preview shows how white text looks on a background with the HunterLab color 66.1316, -4.6215, -29.1197.

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

66.1316, -4.6215, -29.1197

Protanopia

66.0018, 3.8099, -26.5134

Deuteranopia

65.8475, 5.2250, -30.1037



Tritanopia

66.1593, -16.7454, -9.0470

Trichromacy



Original Color

66.1316, -4.6215, -29.1197

Protanomaly

65.9512, 0.6910, -27.3145

Deuteranomaly

66.0516, 1.3797, -29.8265

Tritanomaly

66.1454, -12.6573, -15.8895

Monochromacy



Original Color

66.1316, -4.6215, -29.1197

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

65.0859, -5.0939, -7.0157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1316, -4.6215, -29.1197 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(135, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(135, 180, 234)  
}
```

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(135, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 180, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1316, -4.6215, -29.1197 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(135, 180, 234) }
```


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

```
.border{ border-color:rgb(135, 180, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 180, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(135, 180,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1316, -4.6215, -29.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 180, 234) }
```

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

```
.background{ background-color: rgb(135,  
180, 234) }
```

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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