

Converting Colors

HunterLab(64.1696, -5.6407,
-47.9712)

Have a look what the booklet for
HunterLab(64.1696, -5.6407,
-47.9712) contains.

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Color

**HunterLab(64.3335, -5.8040,
-47.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB2FF
RGB	93, 178, 255
RGB Percent	36%, 70%, 100%
CMY	0.6353, 0.3020, 0.0000
CMYK	0.64, 0.30, 0.00, 0.00
HSL	209°, 100%, 68%
HSV	209°, 64%, 100%
XYZ	38.4846, 41.3880, 100.5681
YIQ	161.3630, -75.3770, 5.9270

Conversions

Conversions Part 2

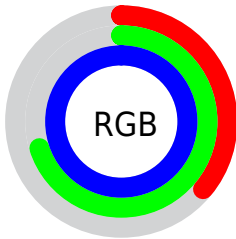
Format	Color
R _Y B	93, 149, 255
Decimal	6140671
CIE Lab	70.45, -2.71, -45.73
CIE LCh	70, 45.806, 266.603
Yxy	41.3893, 0.2133, 0.2294
Android (android.graphics.Color)	4284330751 (0xFF5DB2FF)
YUV	161.3630, 46.1630, -59.9544
Hunter-Lab	64.3335, -5.8040, -47.6505

Details

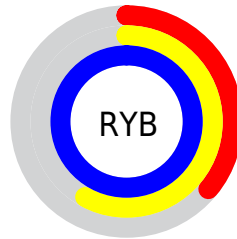
The HunterLab color **64.3335, -5.8040, -47.6505** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **71.2759, 19.4985, 35.6450**, and the grayscale version is **59.6887, -3.1848, 3.2430**.

A 20% lighter version of the original color is **85.1855, -21.4649, -13.7328**, and **43.5878, -3.9826, -45.8837** is the 20% darker color. If you saturate the color by 10%, you get **59.7167, -2.8308, -57.1842**, and if you desaturate by 10%, it is **69.2730, -7.7713, -38.4240**.

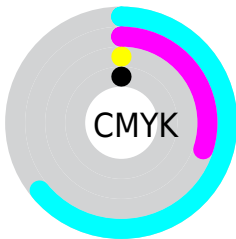
Distribution



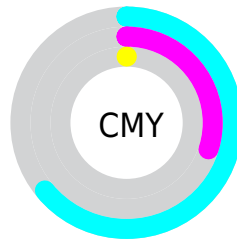
- Red (36%)
- Green (70%)
- Blue (100%)



- Red (36%)
- Yellow (58%)
- Blue (100%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3335, -5.8040, -47.6505 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 64.3335, -5.8040, -47.6505 by changing the saturation by 10% instead.

■ 64.3335, -5.8040,
-47.6505

■ 64.3335, -5.8040,
-47.6505

187.6020,
-13.4152, -53.0177

■ 53.5009, -5.0819,
-46.9456

■ 87.9060, -7.3261,
-49.0767

■ 43.3545, -4.3868,
-46.3074

■ 100.5797, -8.1252,
-49.7599

■ 33.9456, -3.7189,
-45.8249

■ 113.8099, -8.9488,
-50.4085

■ 25.3374, -3.0779,
-45.6824

■ 127.5743, -9.7964,
-51.0173

■ 17.6125, -2.4627,
-46.3015

141.8527,
-10.6674, -51.5836

■ 10.8868, -1.8695,
-48.8376

156.6273,

■ 2.2266, -3.8966,

-11.5612, -52.1059

-145.7995

171.8820,
-12.4773, -52.5839

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.3335, -5.8040,
-47.6505

■ 64.3335, -5.8040,
-47.6505

■ 59.7167, -2.8308,
-57.1842

■ 69.2730, -7.7713,
-38.4240

■ 55.4480, 1.2215,
-66.9750

■ 74.5021, -8.8321,
-29.5372

■ 51.5498, 6.3688,
-76.9369

■ 79.9933, -9.0909,
-20.9897

■ 49.2068, 10.1870,
-83.4950

■ 85.7206, -8.6479,
-12.7677

■ 91.6611, -7.5938,

-4.8478

■ 97.7947, -6.0083,
2.7976

100.0000, -5.3358,
5.4332

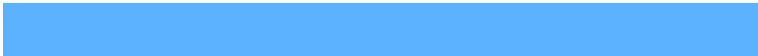
Harmonies

Analogous

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



64.3346, -24.1274, -37.3711



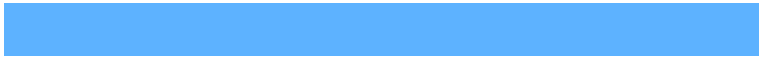
64.3335, -5.8040, -47.6505



64.3346, 15.6001, -41.0057

Triad

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



64.3346, -5.8038, -47.6484



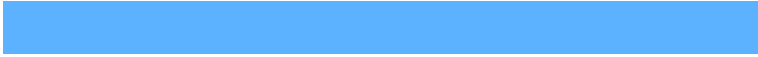
64.3346, 36.6563, 18.3977



64.3346, -33.7116, 21.2145

Complementary

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



64.3335, -5.8040, -47.6505



71.2759, 19.4985, 35.6450

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.



64.3346, -20.4878, 29.1932



64.3335, -5.8040, -47.6505



64.3346, 20.2535, 27.9698

Square

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



64.3346, -5.8038, -47.6484



64.3346, 41.8789, 1.1916



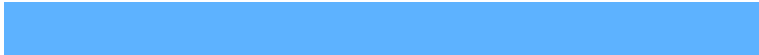
64.3346, -1.0338, 31.1988



64.3346, -38.8893, 5.7296

Rectangle

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



64.3335, -5.8040, -47.6505



64.3346, 28.5026, -28.7521



64.3346, -1.0338, 31.1988



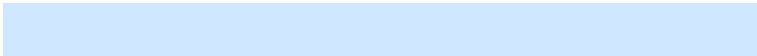
64.3346, -30.1499, 24.6462

Sweetspot

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



64.3346, -5.8038, -47.6484



88.3840, -8.2415, -9.1474



87.5770, -56.6499, 27.6922



40.1094, -3.9382, -5.2873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3346, -5.8038, -47.6484



58.6270, -1.9306, -59.5858



42.8482, 37.3739, -103.8535



43.5375, -3.2459, -0.8059



35.9906, 6.5595, -59.1452



12.1659, 0.3467, -15.9547

Inverse Universe

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



56.8373, 67.5843, -7.7323



52.2102, 77.9341, -5.7504



94.9598, -20.9172, 51.6803



42.5985, 2.5855, 0.9200



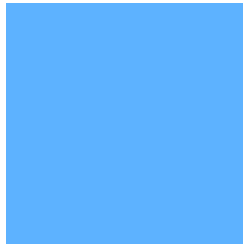
34.6924, 62.0831, 1.7093



10.9268, 19.7406, -0.9084

Previews

White Background



This preview shows how the HunterLab color 64.3335, -5.8040, -47.6505 looks on a white background.

Color Contrast Check

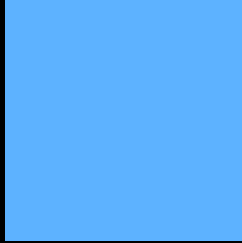
Large Text (above 18pt) WCAG AA × Fail

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 64.3335, -5.8040, -47.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

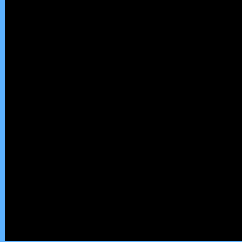
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

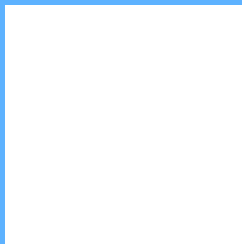
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.3335, -5.8040, -47.6505 Background



This preview shows how black text looks on a background with the HunterLab color 64.3335, -5.8040, -47.6505.



This preview shows how white text looks on a background with the HunterLab color 64.3335, -5.8040, -47.6505.

-47.6505.

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

64.3335, -5.8040, -47.6505

Protanopia

64.1890, 6.7744, -41.6081

Deuteranopia

63.9969, 5.4240, -48.1200



Tritanopia

64.3712, -26.6609, -12.8416

Trichromacy



Original Color

64.3335, -5.8040, -47.6505

Protanomaly

63.9681, 1.7953, -44.3800

Deuteranomaly

63.9990, 0.8624, -48.1956

Tritanomaly

64.1026, -19.4362, -24.7595

Monochromacy



Original Color

64.3335, -5.8040, -47.6505

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.6727, -6.6714, -13.1837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3335, -5.8040, -47.6505 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(93, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 178, 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(93, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 178, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3335, -5.8040, -47.6505 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(93, 178, 255) }
```


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

```
.border{ border-color:rgb(93, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 178,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3335, -5.8040, -47.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 178, 255) }
```

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

```
.background{ background-color: rgb(93, 178,  
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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