

Converting Colors

HunterLab(50.3471, 14.9574,
-78.1495)

Have a look what the booklet for
HunterLab(50.3471, 14.9574,
-78.1495) contains.

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Color

**HunterLab(50.4018, 14.8474,
-77.9989)**

Conversions

Conversions Part 1	
Format	Color
Hex	4C85FD
RGB	76, 133, 253
RGB Percent	30%, 52%, 99%
CMY	0.7019, 0.4784, 0.0078
CMYK	0.70, 0.47, 0.00, 0.01
HSL	221°, 98%, 65%
HSV	221°, 70%, 99%
XYZ	29.0977, 25.4034, 96.2983
YIQ	129.6370, -72.4920, 25.2360

Conversions

Conversions Part 2

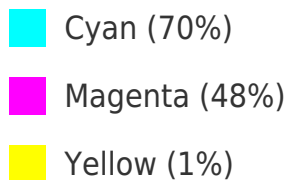
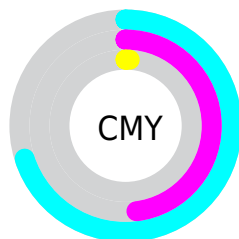
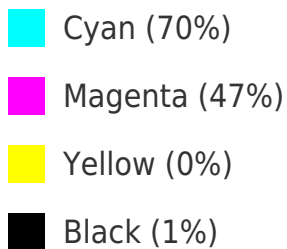
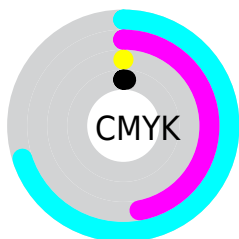
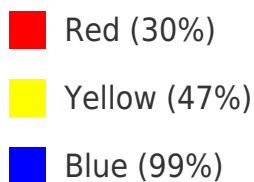
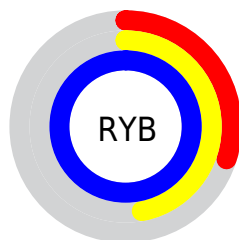
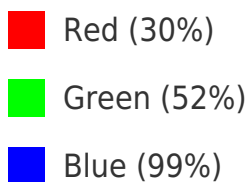
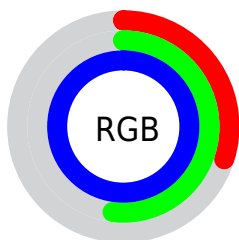
Format	Color
RYB	76, 119, 253
Decimal	5015037
CIELab	57.47, 20.32, -65.31
CIELCh	57, 68.398, 287.283
Yxy	25.4042, 0.1930, 0.1685
Android (android.graphics.Color)	4283205117 (0xFF4C85FD)
YUV	129.6370, 60.8180, -47.0396
Hunter-Lab	50.4018, 14.8474, -77.9989

Details

The HunterLab color **50.4018, 14.8474, -77.9989** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **78.0320, 4.2543, 42.9606**, and the grayscale version is **46.8945, -2.5022, 2.5479**.

A 20% lighter version of the original color is **69.4100, -0.7617, -38.0572**, and **32.0637, 16.3752, -75.4262** is the 20% darker color. If you saturate the color by 10%, you get **44.9931, 21.6669, -94.3541**, and if you desaturate by 10%, it is **56.3371, 9.3349, -62.9220**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.4018, 14.8474, -77.9989 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 50.4018, 14.8474, -77.9989 by changing the saturation by 10% instead.

 50.4018, 14.8474,
-77.9989


 50.4018, 14.8474,
-77.9989


167.2856, 16.3354,
-84.7109


 40.4703, 14.3035,
-78.0518

 72.3271, 15.6569,
-78.9476


 31.2927, 13.6467,
-78.8363


 84.2396, 15.9401,
-79.6793

 22.9379, 12.8600,
-81.0029

 96.7427, 16.1527,
-80.4879

 15.4967, 11.9215,
-86.0814

 109.8095, 16.3007,
-81.3347

 9.0921, 10.8454,
-98.6587

123.4168, 16.3891,
-82.1946

0.0000, INF, -NF

0.0000, NaN, -NF

137.5440, 16.4220,

-83.0509

0.0000, NaN, -NF

152.1724, 16.4030,
-83.8922

0.0000, NaN, -NF

■ 50.4018, 14.8474,
-77.9989

■ 50.4018, 14.8474,
-77.9989

■ 44.9931, 21.6669,
-94.3541

■ 56.3371, 9.3349,
-62.9220

■ 40.2114, 29.8358,
-111.7197

■ 62.7094, 4.9702,
-49.1337

■ 36.1359, 39.0820,
-129.5225

■ 69.4492, 1.5743,
-36.5133

■ 36.1192, 39.1235,
-129.6024

■ 76.5015, -1.0202,
-24.8998

■ 83.8228, -2.9556,
-14.1316

91.3792, -4.3483,
-4.0643

99.1435, -5.2915,
5.4255

99.9359, -5.6869,
6.3475

Harmonies

Analogous

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



50.4025, -14.3192, -80.5123



50.4018, 14.8474, -77.9989



50.4025, 44.8207, -47.7120

Triad

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



50.4025, 14.8486, -77.9975



50.4025, 40.6740, 28.1380



50.4025, -46.1546, 13.0225

Complementary

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



50.4018, 14.8474, -77.9989



78.0320, 4.2543, 42.9606

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.



50.4025, -37.2839, 27.0021



50.4018, 14.8474, -77.9989



50.4025, 10.0951, 31.8327

Square

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



50.4025, 14.8486, -77.9975



50.4025, 61.8786, 16.0253



50.4025, -18.1201, 31.5835



50.4025, -45.4388, -15.5626

Rectangle

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



50.4018, 14.8474, -77.9989



50.4025, 59.2793, -22.1522



50.4025, -18.1201, 31.5835



50.4025, -44.2967, 19.1496

Sweetspot

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



50.4025, 14.8486, -77.9975



83.7871, -2.8042, -15.3668



86.9961, -54.0740, 17.8739



37.8113, -1.0676, -8.4724

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4025, 14.8486, -77.9975



43.3472, 25.0632, -102.2548



39.1109, 51.1348, -115.8803



42.8165, -2.0537, -1.6936



26.7814, 27.3242, -92.4596



9.4151, 5.8548, -24.4068

Inverse Universe

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



52.6752, 68.1958, 8.6749



48.9417, 77.8488, 13.7287



93.0274, -34.2065, 52.3650



42.5247, 2.1891, 1.9718



33.8408, 58.9677, 14.0054



10.6491, 18.7290, 3.0666

Previews

White Background



This preview shows how the HunterLab color 50.4018, 14.8474, -77.9989 looks on a white background.

Color Contrast Check

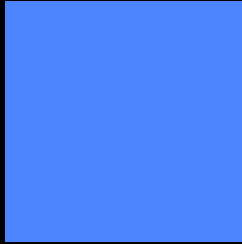
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4018, 14.8474, -77.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

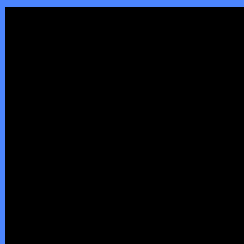
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

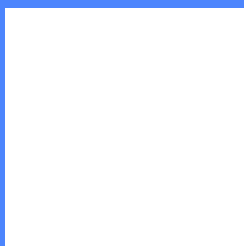
Any Text WCAG AAA × Fail

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

HunterLab 50.4018, 14.8474, -77.9989 Background



This preview shows how black text looks on a background with the HunterLab color 50.4018, 14.8474, -77.9989.



This preview shows how white text looks on a background with the HunterLab color 50.4018, 14.8474,

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

50.4018, 14.8474, -77.9989

Protanopia

50.3615, 14.7210, -78.1135

Deuteranopia

50.4694, 4.2246, -72.2019



Tritanopia

50.1366, -23.9067, -11.0587

Trichromacy



Original Color
50.4018, 14.8474, -77.9989

Protanomaly
50.3615, 14.7210, -78.1135

Deuteranomaly
49.9777, 7.2698, -75.3984

Tritanomaly
49.4805, -12.3918, -32.3054

Monochromacy



Original Color
50.4018, 14.8474, -77.9989

Achromatopsia
47.2470, -2.5210, 2.5670

Achromatomaly
47.5844, 0.3219, -21.2075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4018, 14.8474, -77.9989 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(76, 133, 253)` looks like.

```
.text, #text, p{  
    color:rgb(76, 133, 253)  
}
```

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(76, 133, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 133, 253) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4018, 14.8474, -77.9989 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(76, 133, 253) }
```


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

```
.border{ border-color:rgb(76, 133, 253) }
```

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

Here you see how a box with a 4 pixel rgb(76, 133, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 133, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 133, 253);  
box-shadow:4px 4px 4px 4px rgb(76, 133,  
253) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4018, 14.8474, -77.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 133, 253) }
```

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

```
.background{ background-color: rgb(76, 133,  
253) }
```

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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