

Converting Colors

HunterLab(72.5163, -18.9844,
-32.9258)

Have a look what the booklet for
HunterLab(72.5163, -18.9844,
-32.9258) contains.

HunterLab(72.5116, -18.9281, -33.0072)	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(72.5116,
-18.9281, -33.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	5ACCFE
RGB	90, 204, 255
RGB Percent	35%, 80%, 100%
CMY	0.6470, 0.2000, 0.0000
CMYK	0.65, 0.20, 0.00, 0.00
HSL	199°, 100%, 68%
HSV	199°, 65%, 100%
XYZ	43.8592, 52.5793, 102.4449
YIQ	175.7280, -84.3150, -8.3070

Conversions

Conversions Part 2

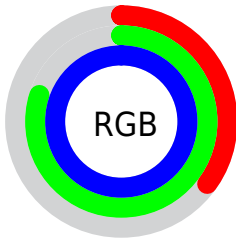
Format	Color
R_{YB}	90, 157, 255
Decimal	5950719
CIE _{Lab}	77.63, -17.18, -34.55
CIE _{LCh}	78, 38.589, 243.558
Yxy	52.5811, 0.2205, 0.2644
Android (android.graphics.Color)	4284140799 (0xFF5ACDFF)
YUV	175.7280, 39.0811, -75.1835
Hunter-Lab	72.5116, -18.9281, -33.0072

Details

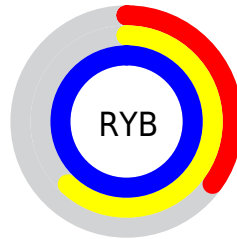
The HunterLab color **72.5116, -18.9281, -33.0072** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **64.0702, 34.4534, 31.1299**, and the grayscale version is **65.6467, -3.5027, 3.5667**.

A 20% lighter version of the original color is **92.5257, -32.4008, -4.1775**, and **50.8821, -15.0248, -31.1640** is the 20% darker color. If you saturate the color by 10%, you get **69.1820, -17.9534, -38.7648**, and if you desaturate by 10%, it is **76.1109, -18.9752, -27.1319**.

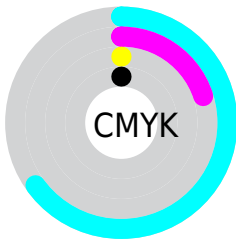
Distribution



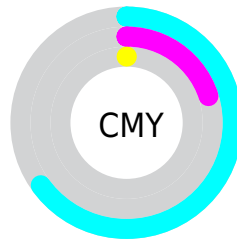
- Red (35%)
- Green (80%)
- Blue (100%)



- Red (35%)
- Yellow (62%)
- Blue (100%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5116, -18.9281, -33.0072 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 72.5116, -18.9281, -33.0072 by changing the saturation by 10% instead.

72.5116, -18.9281,
-33.0072

72.5116, -18.9281,
-33.0072

199.1673,
-32.1713, -36.0166

61.2115, -17.4246,
-32.4283

96.9473, -21.8899,
-34.0211

50.5672, -15.8956,
-31.8172

110.0229,
-23.3583, -34.4538

40.6233, -14.3298,
-31.1927

123.6387,
-24.8232, -34.8355

31.4332, -12.7099,
-30.5986

137.7740,
-26.2872, -35.1671

23.0646, -11.0088,
-30.1321

152.4104,
-27.7525, -35.4495

15.6080, -9.1791,
-30.0333

167.5312,

9.1889, -8.6394,

-29.2208, -35.6843

-31.0452

183.1214,
-30.6933, -35.8728

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 72.5116, -18.9281,
-33.0072

■ 72.5116, -18.9281,
-33.0072

■ 69.1820, -17.9534,
-38.7648

■ 76.1109, -18.9752,
-27.1319

■ 66.1212, -16.0397,
-44.3707

■ 79.9671, -18.1375,
-21.1872

■ 63.3217, -13.2297,
-49.7971

■ 84.0687, -16.4770,
-15.2084

■ 61.9209, -11.4708,
-52.6335

■ 88.4015, -14.0640,
-9.2261

■ 92.9504, -10.9710,

-3.2636

■ 97.7007, -7.2685,
2.6625

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.



72.5128, -31.0008, -17.1707



72.5116, -18.9281, -33.0072



72.5128, -1.6700, -38.1897

Triad

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



72.5128, -18.9282, -33.0051



72.5128, 34.8184, 5.9996



72.5128, -22.3681, 26.7200

Complementary

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



72.5116, -18.9281, -33.0072



64.0702, 34.4534, 31.1299

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.



72.5128, -6.0500, 30.0951



72.5116, -18.9281, -33.0072



72.5128, 27.9416, 20.1603

Square

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



72.5128, -18.9282, -33.0051



72.5128, 30.5086, -12.6498



72.5128, 12.5205, 28.0314



72.5128, -32.8437, 17.3613

Rectangle

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



72.5116, -18.9281, -33.0072



72.5128, 10.7778, -34.0622



72.5128, 12.5205, 28.0314



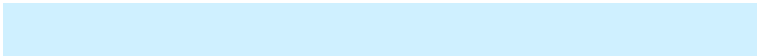
72.5128, -17.4457, 28.4697

Sweetspot

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



72.5128, -18.9282, -33.0051



90.9699, -12.3790, -5.8224



86.9327, -60.4014, 35.7184



41.4868, -6.1305, -3.4831

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5128, -18.9282, -33.0051



68.1430, -17.4253, -40.6322



48.5405, 22.9884, -85.2461



44.1343, -4.2185, -0.0823



45.0690, -8.7631, -37.4153



14.7380, -3.7400, -10.3475

Inverse Universe

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



57.3878, 73.1212, -22.3798



52.8882, 84.1054, -22.8398



86.1637, -7.4134, 46.3065



42.6605, 2.9176, 0.0390



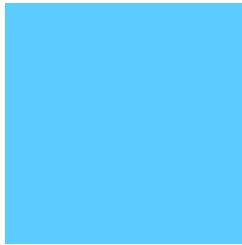
35.7470, 65.8885, -13.1074



11.2420, 20.8728, -5.2982

Previews

White Background



This preview shows how the HunterLab color 72.5116, -18.9281, -33.0072 looks on a white background.

Color Contrast Check

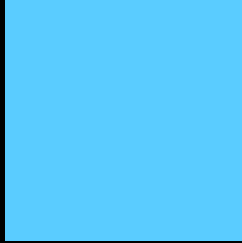
Large Text (above 18pt) WCAG AA × Fail

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 72.5116, -18.9281, -33.0072 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

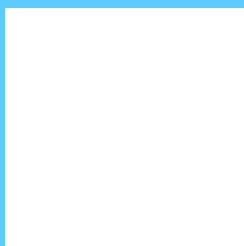
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.5116, -18.9281, -33.0072 Background



This preview shows how black text looks on a background with the HunterLab color 72.5116, -18.9281, -33.0072.



This preview shows how white text looks on a background with the HunterLab color 72.5116, -18.9281, -33.0072.

-18.9281, -33.0072.

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

72.5116, -18.9281, -33.0072

Protanopia

71.9223, 3.7300, -26.1719

Deuteranopia

72.0813, 5.2206, -33.3115



Tritanopia

72.5174, -29.8505, -14.6650

Trichromacy



Original Color

72.5116, -18.9281, -33.0072

Protanomaly

71.6803, -6.1286, -29.3945

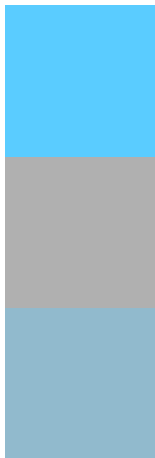
Deuteranomaly

71.8014, -5.0873, -33.9678

Tritanomaly

72.4193, -25.9053, -21.4243

Monochromacy



Original Color

72.5116, -18.9281, -33.0072

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

67.4873, -11.6295, -9.3604

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5116, -18.9281, -33.0072 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(90, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 204, 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(90, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 204, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5116, -18.9281, -33.0072 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(90, 204, 255) }
```


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

```
.border{ border-color:rgb(90, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 204,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5116, -18.9281, -33.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 204, 255) }
```

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

```
.background{ background-color: rgb(90, 204,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor