

Converting Colors

HunterLab(46.8741, 9.1692,
-75.1613)

Have a look what the booklet for
HunterLab(46.8741, 9.1692,
-75.1613) contains.

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Color

**HunterLab(46.9102, 9.1651,
-75.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	1E80F0
RGB	30, 128, 240
RGB Percent	12%, 50%, 94%
CMY	0.8822, 0.4980, 0.0588
CMYK	0.87, 0.47, 0.00, 0.06
HSL	212°, 87%, 53%
HSV	212°, 87%, 94%
XYZ	23.9828, 22.0057, 85.4216
YIQ	111.4660, -94.3600, 14.0560

Conversions

Conversions Part 2

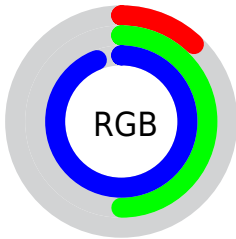
Format	Color
R_{YB}	30, 97, 240
Decimal	1999088
CIE _{Lab}	54.03, 14.09, -63.71
CIE _{LCh}	54, 65.251, 282.470
Yxy	22.0063, 0.1825, 0.1675
Android (android.graphics.Color)	4280189168 (0xFF1E80F0)
YUV	111.4660, 63.3673, -71.4457
Hunter-Lab	46.9102, 9.1651, -75.1276

Details

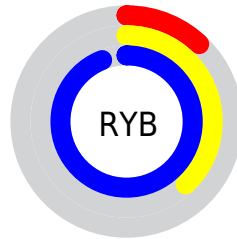
The HunterLab color **46.9102, 9.1651, -75.1276** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **61.6228, 24.9640, 37.2251**, and the grayscale version is **39.8427, -2.1259, 2.1647**.

A 20% lighter version of the original color is **65.9601, -3.2820, -44.4538**, and **30.2592, 14.3890, -68.8832** is the 20% darker color. If you saturate the color by 10%, you get **43.1707, 15.2387, -86.3516**, and if you desaturate by 10%, it is **51.0567, 4.1608, -64.1987**.

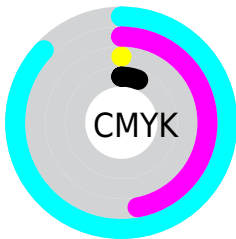
Distribution



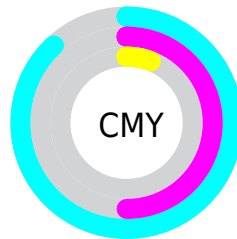
- Red (12%)
- Green (50%)
- Blue (94%)



- Red (12%)
- Yellow (38%)
- Blue (94%)



- Cyan (87%)
- Magenta (47%)
- Yellow (0%)
- Black (6%)



- Cyan (88%)
- Magenta (50%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9102, 9.1651, -75.1276 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 46.9102, 9.1651, -75.1276 by changing the saturation by 10% instead.

■ 46.9102, 9.1651,
-75.1276

■ 46.9102, 9.1651,
-75.1276

162.0429, 8.5372,
-81.6647

■ 37.2311, 8.9010,
-75.2812

■ 68.3786, 9.4474,
-75.9912

■ 28.3274, 8.5349,
-76.2687

■ 80.0815, 9.4812,
-76.7028

■ 20.2745, 8.0492,
-78.8880

■ 92.3850, 9.4530,
-77.4969

■ 13.1742, 7.4171,
-85.1407

■ 105.2610, 9.3680,
-78.3319

■ 6.6825, 8.8303,
-109.8586

■ 118.6853, 9.2306,
-79.1811

0.0000, NaN, -NF

0.0000, NaN, -NF

132.6361, 9.0443,

-80.0268

0.0000, NaN, -NF

147.0944, 8.8123,
-80.8574

0.0000, NaN, -NF

■ 46.9102, 9.1651,
-75.1276

■ 46.9102, 9.1651,
-75.1276

■ 43.1707, 15.2387,
-86.3516

■ 51.0567, 4.1608,
-64.1987

■ 42.2800, 16.8669,
-89.2571

■ 55.5814, 0.2430,
-53.6859

■ 60.4467, -2.6590,
-43.6608

■ 65.6145, -4.6519,
-34.1426

■ 71.0503, -5.8503,
-25.1149

■ 76.7239, -6.3629,
-16.5407

■ 82.6095, -6.2866,
-8.3739

■ 88.6849, -5.7047,
-0.5668

■ 94.9316, -4.6879,
6.9269

Harmonies

Analogous

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



46.9109, -17.0610, -72.5291



46.9102, 9.1651, -75.1276



46.9109, 37.6751, -50.0147

Triad

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



46.9109, 9.1665, -75.1264



46.9109, 41.9567, 25.0787



46.9109, -42.2723, 15.0651

Complementary

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



46.9102, 9.1651, -75.1276



61.6228, 24.9640, 37.2251

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.



46.9109, -32.5144, 26.2507



46.9102, 9.1651, -75.1276



46.9109, 14.0742, 29.3889

Square

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



46.9109, 9.1665, -75.1264



46.9109, 59.2714, 11.9655



46.9109, -13.1374, 29.6458



46.9109, -43.0110, -9.3324

Rectangle

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



46.9102, 9.1651, -75.1276



46.9109, 52.5938, -26.2795



46.9109, -13.1374, 29.6458



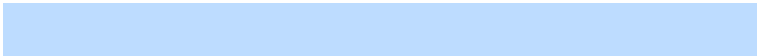
46.9109, -40.0600, 20.0501

Sweetspot

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



46.9109, 9.1665, -75.1264



83.0636, -6.8408, -16.4664



80.3433, -59.3303, 29.5793



37.4341, -3.1264, -9.0609

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9109, 9.1665, -75.1264



45.1767, 18.3155, -96.0050



27.5955, 61.3947, -159.0436



40.5520, -2.7156, -0.9699



31.6962, 11.6103, -64.6807



10.1642, 1.3471, -15.6124

Inverse Universe

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



45.8409, 76.6899, 3.1756



47.5305, 84.1987, 8.9984



89.2964, -26.3365, 53.7461



39.8517, 2.2822, 1.1521



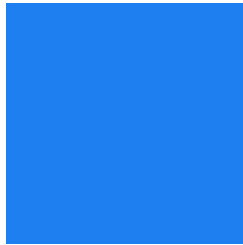
32.8748, 58.3266, 5.5267



9.5865, 17.2034, 0.1001

Previews

White Background



This preview shows how the HunterLab color 46.9102, 9.1651, -75.1276 looks on a white background.

Color Contrast Check

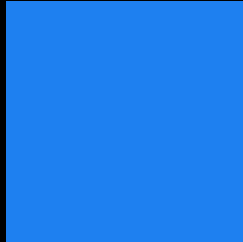
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.9102, 9.1651, -75.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

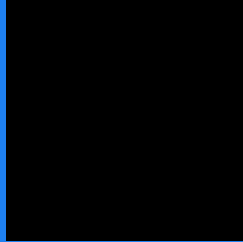
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

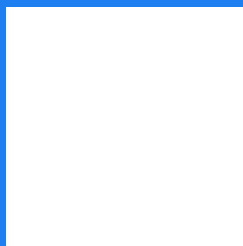
Any Text WCAG AAA × Fail

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

HunterLab 46.9102, 9.1651, -75.1276 Background



This preview shows how black text looks on a background with the HunterLab color 46.9102, 9.1651, -75.1276.



This preview shows how white text looks on a background with the HunterLab color 46.9102, 9.1651, -75.1276.

-75.1276.

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

46.9102, 9.1651, -75.1276

Protanopia

46.7023, 13.6187, -71.7299

Deuteranopia

46.8463, 3.3674, -65.8232



Tritanopia

46.8102, -22.8503, -9.1813

Trichromacy



Original Color

46.9102, 9.1651, -75.1276

Protanomaly

46.4999, 11.7162, -73.3004

Deuteranomaly

46.8796, 5.4294, -69.4670

Tritanomaly

46.5927, -13.0445, -29.2235

Monochromacy



Original Color

46.9102, 9.1651, -75.1276

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

41.2129, -2.7697, -21.1896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9102, 9.1651, -75.1276 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(30, 128, 240)` looks like.

```
.text, #text, p{  
    color:rgb(30, 128, 240)  
}
```

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(30, 128, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 128, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9102, 9.1651, -75.1276 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(30, 128, 240) }
```


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

```
.border{ border-color:rgb(30, 128, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 128, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 128, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 128, 240);  
box-shadow:4px 4px 4px 4px rgb(30, 128,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9102, 9.1651, -75.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 128, 240) }
```

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

```
.background{ background-color: rgb(30, 128,  
240) }
```

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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