

Converting Colors

HunterLab(48.5367, -5.9962,
-100.9066)

Have a look what the booklet for
HunterLab(48.5367, -5.9962,
-100.9066) contains.

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Color

**HunterLab(52.1215, 4.7583,
-75.4192)**

Conversions

Conversions Part 1	
Format	Color
Hex	0090FF
RGB	0, 144, 255
RGB Percent	0%, 56%, 100%
CMY	0.9997, 0.4353, 0.0000
CMYK	1.00, 0.44, 0.00, 0.00
HSL	206°, 100%, 50%
HSV	206°, 100%, 100%
XYZ	28.0232, 27.1665, 98.3744
YIQ	113.5980, -121.4550, 3.9930

Conversions

Conversions Part 2

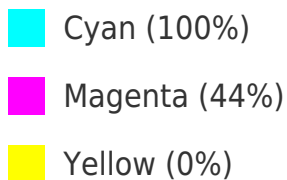
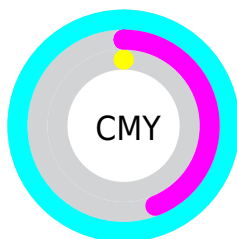
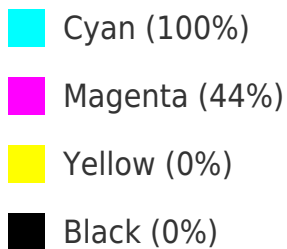
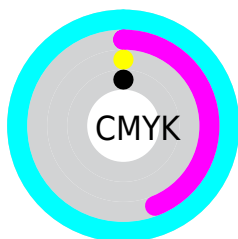
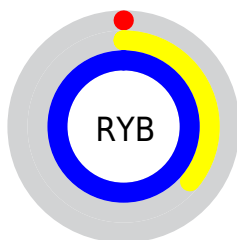
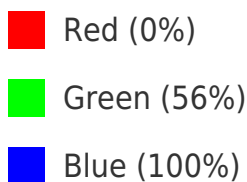
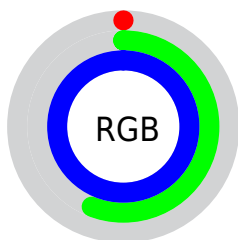
Format	Color
RYB	0, 92, 255
Decimal	37119
CIELab	59.13, 8.96, -63.81
CIELCh	59, 64.440, 277.991
Yxy	27.1672, 0.1825, 0.1769
Android (android.graphics.Color)	4278227199 (0xFF0090FF)
YUV	113.5980, 69.7112, -99.6254
Hunter-Lab	52.1215, 4.7583, -75.4192

Details

The HunterLab color **52.1215, 4.7583, -75.4192** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **57.1361, 46.6361, 36.0212**, and the grayscale version is **40.6492, -2.1689, 2.2085**.

A 20% lighter version of the original color is **71.1317, -12.3133, -35.2423**, and **34.9509, 11.2058, -67.8757** is the 20% darker color. If you saturate the color by 10%, you get **52.1122, 4.7752, -75.4439**, and if you desaturate by 10%, it is **55.5980, -0.3255, -66.6367**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 52.1215, 4.7583, -75.4192 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 52.1215, 4.7583, -75.4192 by changing the saturation by 10% instead.

 52.1215, 4.7583,
-75.4192


 52.1215, 4.7583,
-75.4192


169.8429, 1.9457,
-82.2439

 42.0700, 4.8060,
-75.3118


 74.2645, 4.4729,
-76.5145


 32.7628, 4.7763,
-75.8188

 86.2771, 4.2455,
-77.2739

 24.2658, 4.6575,
-77.4762

 98.8756, 3.9683,
-78.0928

 16.6651, 4.4307,
-81.5119

 112.0338, 3.6450,
-78.9382

 10.0826, 4.0663,
-91.3744

 125.7288, 3.2787,
-79.7881

0.0000, INF, -NF

0.0000, NaN, -NF

139.9405, 2.8719,

-80.6284

0.0000, NaN, -NF

154.6506, 2.4270,
-81.4492

0.0000, NaN, -NF

■ 52.1215, 4.7583,
-75.4192

■ 52.1215, 4.7583,
-75.4192

■ 52.1122, 4.7752,
-75.4439

■ 55.5980, -0.3255,
-66.6367

■ 59.3916, -4.4751,
-57.9275

■ 63.5195, -7.5766,
-49.3005

■ 67.9651, -9.6574,
-40.8212

■ 72.7059, -10.7878,
-32.5383

■ 77.7172, -11.0572,
-24.4803

■ 82.9752, -10.5596,
-16.6580

■ 88.4577, -9.3854,
-9.0692

■ 94.1445, -7.6171,
-1.7037

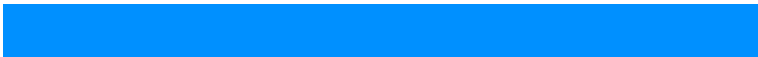
Harmonies

Analogous

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



52.1222, -21.1291, -68.4973



52.1215, 4.7583, -75.4192



52.1222, 33.8533, -54.2861

Triad

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



52.1222, 4.7595, -75.4173



52.1222, 45.6872, 25.2489



52.1222, -43.2532, 18.3663

Complementary

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



52.1215, 4.7583, -75.4192



57.1361, 46.6361, 36.0212

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.



52.1222, -31.4608, 28.9256



52.1215, 4.7583, -75.4192



52.1222, 18.5120, 31.2232

Square

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



52.1222, 4.7595, -75.4173



52.1222, 60.4732, 9.3464



52.1222, -9.9213, 32.0914



52.1222, -45.4369, -4.6377

Rectangle

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



52.1215, 4.7583, -75.4192



52.1222, 49.9592, -31.4178



52.1222, -9.9213, 32.0914



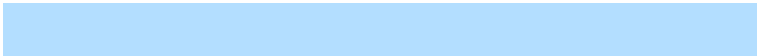
52.1222, -40.4199, 23.0537

Sweetspot

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



52.1222, 4.7595, -75.4173



82.9593, -10.5621, -16.6808



85.2397, -68.3269, 40.9591



37.3420, -5.0237, -9.2299

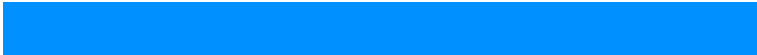
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.1222, 4.7595, -75.4173



52.1122, 4.7752, -75.4439



27.6108, 69.6808, -184.9221



43.6803, -3.4798, -0.6318



38.0692, 2.7338, -53.4848



12.7616, -0.6674, -14.5103

Inverse Universe

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



48.2445, 86.7851, -1.1796



48.2417, 86.7873, -1.1669



90.7811, -17.6567, 55.6284



42.6133, 2.6646, 0.7100



34.9156, 62.8934, -1.4642



10.9952, 19.9876, -1.8716

Previews

White Background



This preview shows how the HunterLab color 52.1215, 4.7583, -75.4192 looks on a white background.

Color Contrast Check

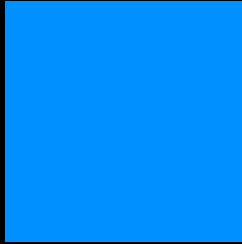
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1215, 4.7583, -75.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

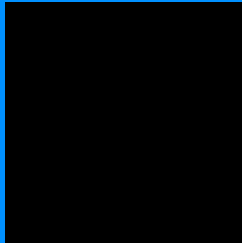
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

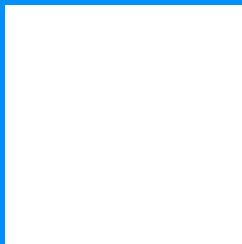
Any Text WCAG AAA × Fail

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

HunterLab 52.1215, 4.7583, -75.4192 Background



This preview shows how black text looks on a background with the HunterLab color 52.1215, 4.7583, -75.4192.



This preview shows how white text looks on a background with the HunterLab color 52.1215, 4.7583, -75.4192.

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

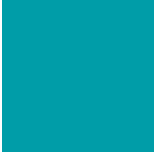
52.1215, 4.7583, -75.4192

Protanopia

52.1442, 12.8260, -69.5488

Deuteranopia

52.2035, 5.0315, -75.1948



Tritanopia

51.9048, -25.0633, -10.7721

Trichromacy



Original Color

52.1215, 4.7583, -75.4192



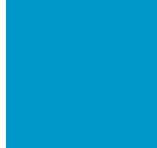
Protanomaly

51.5665, 8.3366, -73.0155



Deuteranomaly

52.1710, 4.9233, -75.2837



Tritanomaly

51.6010, -15.3969, -31.2593

Monochromacy



Original Color

52.1215, 4.7583, -75.4192



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

43.3593, -6.4175, -22.0707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1215, 4.7583, -75.4192 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(0, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 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(0, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1215, 4.7583, -75.4192 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(0, 144, 255) }
```


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

```
.border{ border-color:rgb(0, 144, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 144, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1215, 4.7583, -75.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 255) }
```

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

```
.background{ background-color: rgb(0, 144,  
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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