

Converting Colors

HunterLab(46.8770, -1.5785,
-55.4062)

Have a look what the booklet for
HunterLab(46.8770, -1.5785,
-55.4062) contains.

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Color

HunterLab(46.7301, -1.3996,
-55.3871)

Conversions

Conversions Part 1

Format	Color
Hex	0085DA
RGB	0, 133, 218
RGB Percent	0%, 52%, 85%
CMY	0.9998, 0.4784, 0.1451
CMYK	1.00, 0.39, 0.00, 0.15
HSL	203°, 100%, 43%
HSV	203°, 100%, 85%
XYZ	21.0424, 21.8370, 69.4356
YIQ	102.9230, -106.5530, -1.7610

Conversions

Conversions Part 2

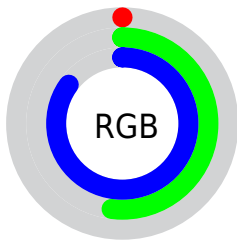
Format	Color
R _Y B	0, 83, 218
Decimal	34266
CIE Lab	53.85, 1.38, -51.71
CIE LCh	54, 51.729, 271.532
Yxy	21.8377, 0.1874, 0.1944
Android (android.graphics.Color)	4278224346 (0xFF0085DA)
YUV	102.9230, 56.7330, -90.2635
Hunter-Lab	46.7301, -1.3996, -55.3871

Details

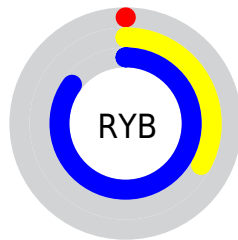
The HunterLab color **46.7301, -1.3996, -55.3871** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **46.2723, 43.1098, 29.2655**, and the grayscale version is **36.6273, -1.9543, 1.9900**.

A 20% lighter version of the original color is **67.2031, -8.4695, -42.2058**, and **29.9154, 5.4782, -49.2174** is the 20% darker color. If you saturate the color by 10%, you get **46.7241, -1.3893, -55.4020**, and if you desaturate by 10%, it is **49.4261, -4.9422, -49.1980**.

Distribution



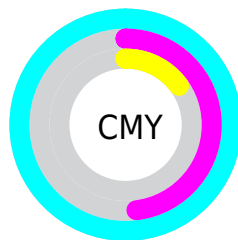
- Red (0%)
- Green (52%)
- Blue (85%)



- Red (0%)
- Yellow (33%)
- Blue (85%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7301, -1.3996, -55.3871 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 46.7301, -1.3996, -55.3871 by changing the saturation by 10% instead.

■ 46.7301, -1.3996,
-55.3871

■ 46.7301, -1.3996,
-55.3871

161.7707, -6.9846,
-61.6953

■ 37.0644, -0.9631,
-54.9861

■ 68.1745, -2.3980,
-56.7073

■ 28.1752, -0.5761,
-55.0028

■ 79.8663, -2.9556,
-57.4629

■ 20.1385, -0.2439,
-55.8834

■ 92.1593, -3.5485,
-58.2280

■ 13.0564, 0.0244,
-58.7591

■ 105.0253, -4.1749,
-58.9819

■ 6.5322, 0.5735,
-73.8447

■ 118.4398, -4.8330,
-59.7119

0.0000, NaN, -NF

0.0000, NaN, -NF

132.3814, -5.5215,

-60.4104

0.0000, NaN, -NF

146.8308, -6.2391,
-61.0725

0.0000, NaN, NaN

■ 46.7301, -1.3996,
-55.3871

■ 46.7301, -1.3996,
-55.3871

■ 46.7241, -1.3893,
-55.4020

■ 49.4261, -4.9422,
-49.1980

■ 52.3491, -7.7770,
-43.0038

■ 55.5235, -9.7902,
-36.7878

■ 58.9419, -10.9945,
-30.5947

■ 62.5909, -11.4354,
-24.4641

■ 66.4548, -11.1752,
-18.4253

■ 70.5174, -10.2820,
-12.4969

■ 74.7628, -8.8237,
-6.6886

■ 79.1762, -6.8641,
-1.0026

Harmonies

Analogous

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



46.7308, -20.4226, -46.1540



46.7301, -1.3996, -55.3871



46.7308, 20.8519, -44.1985

Triad

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



46.7308, -1.3986, -55.3860



46.7308, 37.6830, 18.6482



46.7308, -33.2658, 17.5382

Complementary

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



46.7301, -1.3996, -55.3871



46.2723, 43.1098, 29.2655

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.



46.7308, -22.0036, 25.0269



46.7301, -1.3996, -55.3871



46.7308, 18.6210, 25.4369

Square

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



46.7308, -1.3986, -55.3860



46.7308, 45.7696, 3.5709



46.7308, -3.5832, 27.1057



46.7308, -36.7307, 1.4926

Rectangle

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



46.7301, -1.3996, -55.3871



46.7308, 33.9946, -28.6743



46.7308, -3.5832, 27.1057



46.7308, -30.3792, 20.8396

Sweetspot

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



46.7308, -1.3986, -55.3860



84.0736, -12.3206, -15.1287



71.2583, -57.9271, 35.9841



37.9300, -5.9463, -8.3854

0.0000, NaN, NaN



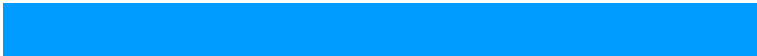
46.2646, -2.4686, 2.5136

Same Dimension

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



46.7308, -1.3986, -55.3860



55.5390, -1.2152, -66.7958



24.0383, 54.5681, -147.8344



37.3263, -3.1704, -0.3290



36.4610, -1.5718, -42.1799



10.1337, -1.7683, -8.8491

Inverse Universe

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



40.7434, 73.9231, -5.8920



48.6262, 88.1785, -6.5994



72.7031, -9.6517, 44.6290



36.3102, 2.2724, 0.4265



31.5687, 57.3436, -5.0372



8.1385, 14.9676, -2.7260

Previews

White Background



This preview shows how the HunterLab color 46.7301, -1.3996, -55.3871 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 46.7301, -1.3996, -55.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

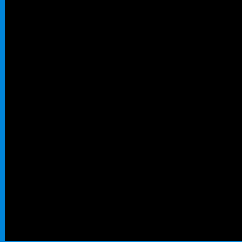
Any Text WCAG AA ✓ Pass

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 46.7301, -1.3996, -55.3871 Background



This preview shows how black text looks on a background with the HunterLab color 46.7301, -1.3996, -55.3871.



This preview shows how white text looks on a background with the HunterLab color 46.7301, -1.3996, -55.3871.

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

46.7301, -1.3996, -55.3871

Protanopia

46.6370, 9.1246, -49.4510

Deuteranopia

46.6981, 4.5159, -56.2347



Tritanopia

46.4898, -22.4565, -9.6311

Trichromacy



Original Color

46.7301, -1.3996, -55.3871

Protanomaly

46.1021, 3.4187, -53.3491

Deuteranomaly

46.3800, 1.9868, -57.0584

Tritanomaly

46.4756, -15.7747, -24.0375

Monochromacy



Original Color

46.7301, -1.3996, -55.3871

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

39.0349, -7.1498, -16.7604

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7301, -1.3996, -55.3871 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, 133, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 218)  
}
```

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, 133, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7301, -1.3996, -55.3871 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, 133, 218) }
```


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

```
.border{ border-color:rgb(0, 133, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7301, -1.3996, -55.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 218) }
```

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

```
.background{ background-color: rgb(0, 133,  
218) }
```

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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