

Converting Colors

HunterLab(46.9918, -1.3203,
-55.8856)

Have a look what the booklet for
HunterLab(46.9918, -1.3203,
-55.8856) contains.

HunterLab(47.0794, -1.5878, -55.4175)	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(47.0794, -1.5878,
-55.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	0086DB
RGB	0, 134, 219
RGB Percent	0%, 53%, 86%
CMY	0.9998, 0.4745, 0.1412
CMYK	1.00, 0.39, 0.00, 0.14
HSL	203°, 100%, 43%
HSV	203°, 100%, 86%
XYZ	21.3113, 22.1647, 70.1729
YIQ	103.6240, -107.1490, -1.9730

Conversions

Conversions Part 2

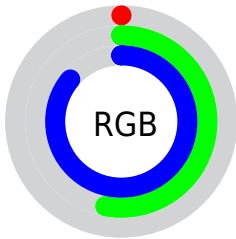
Format	Color
R _Y B	0, 83, 219
Decimal	34523
CIE Lab	54.20, 1.17, -51.72
CIE LCh	54, 51.732, 271.293
Yxy	22.1654, 0.1875, 0.1950
Android (android.graphics.Color)	4278224603 (0xFF0086DB)
YUV	103.6240, 56.8804, -90.8782
Hunter-Lab	47.0794, -1.5878, -55.4175

Details

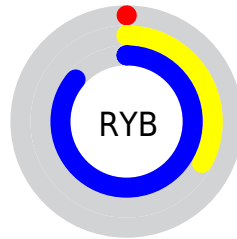
The HunterLab color **47.0794, -1.5878, -55.4175** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **46.4391, 43.5255, 29.3755**, and the grayscale version is **36.8916, -1.9684, 2.0044**.

A 20% lighter version of the original color is **67.5605, -8.8123, -41.5500**, and **30.2347, 5.2973, -49.2259** is the 20% darker color. If you saturate the color by 10%, you get **47.0735, -1.5776, -55.4322**, and if you desaturate by 10%, it is **49.7802, -5.1296, -49.2369**.

Distribution



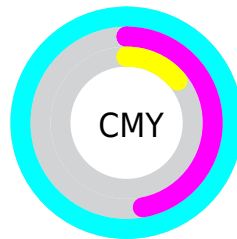
- Red (0%)
- Green (53%)
- Blue (86%)



- Red (0%)
- Yellow (33%)
- Blue (86%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0794, -1.5878, -55.4175 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 47.0794, -1.5878, -55.4175 by changing the saturation by 10% instead.

■ 47.0794, -1.5878,
-55.4175

■ 47.0794, -1.5878,
-55.4175

162.2987, -7.2700,
-61.7287

■ 37.3878, -1.1372,
-55.0068

■ 68.5705, -2.6116,
-56.7448

■ 28.4705, -0.7349,
-55.0041

■ 80.2838, -3.1809,
-57.5013

■ 20.4026, -0.3856,
-55.8429

■ 92.5971, -3.7849,
-58.2663

■ 13.2852, -0.0979,
-58.6149

■ 105.4826, -4.4218,
-59.0196

■ 6.8205, 0.3813,
-71.9320

■ 118.9158, -5.0901,
-59.7488

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8754, -5.7884,

-60.4462

0.0000, NaN, -NF

147.3421, -6.5154,
-61.1071

0.0000, NaN, NaN

■ 47.0794, -1.5878,
-55.4175

■ 47.0794, -1.5878,
-55.4175

■ 47.0735, -1.5776,
-55.4322

■ 49.7802, -5.1296,
-49.2369

■ 52.7084, -7.9609,
-43.0477

■ 55.8887, -9.9674,
-36.8333

■ 59.3137, -11.1613,
-30.6381

■ 62.9704, -11.5878,
-24.5022

■ 66.8430, -11.3092,
-18.4552

■ 70.9153, -10.3936,
-12.5162

■ 75.1715, -8.9092,
-6.6951

■ 79.5966, -6.9200,
-0.9948

Harmonies

Analogous

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



47.0801, -20.6206, -46.0318



47.0794, -1.5878, -55.4175



47.0801, 20.7093, -44.3816

Triad

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



47.0801, -1.5868, -55.4164



47.0801, 37.8556, 18.6433



47.0801, -33.3273, 17.7016

Complementary

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



47.0794, -1.5878, -55.4175



46.4391, 43.5255, 29.3755

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.



47.0801, -21.9595, 25.1822



47.0794, -1.5878, -55.4175



47.0801, 18.8232, 25.5311

Square

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



47.0801, -1.5868, -55.4164



47.0801, 45.8405, 3.4334



47.0801, -3.4353, 27.2468



47.0801, -36.8695, 1.6750

Rectangle

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



47.0794, -1.5878, -55.4175



47.0801, 33.9083, -28.9008



47.0801, -3.4353, 27.2468



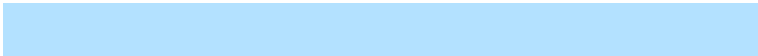
47.0801, -30.4077, 20.9994

Sweetspot

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



47.0801, -1.5868, -55.4164



84.1175, -12.3894, -15.0681



71.6266, -58.2294, 36.1764



37.9531, -5.9824, -8.3525

0.0000, NaN, NaN



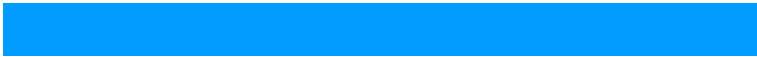
46.2646, -2.4686, 2.5136

Same Dimension

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



47.0801, -1.5868, -55.4164



55.6759, -1.4467, -66.4671



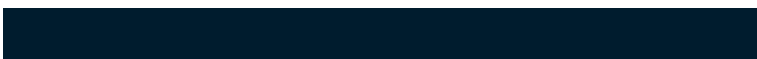
24.1578, 54.8699, -148.6354



37.3317, -3.1791, -0.3225



36.5482, -1.7174, -41.9746



10.1529, -1.7977, -8.8094

Inverse Universe

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



40.9666, 74.3507, -6.0977



48.6420, 88.2356, -6.8218



73.0771, -9.6982, 44.8587



36.3108, 2.2754, 0.4186



31.5788, 57.3803, -5.1802



8.1409, 14.9762, -2.7594

Previews

White Background



This preview shows how the HunterLab color 47.0794, -1.5878, -55.4175 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 47.0794, -1.5878, -55.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

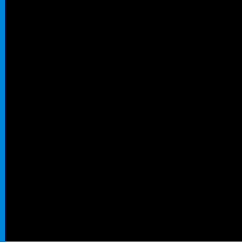
Any Text WCAG AA ✓ Pass

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 47.0794, -1.5878, -55.4175 Background



This preview shows how black text looks on a background with the HunterLab color 47.0794, -1.5878, -55.4175.



This preview shows how white text looks on a background with the HunterLab color 47.0794, -1.5878, -55.4175.

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

47.0794, -1.5878, -55.4175

Protanopia

47.0192, 9.0704, -49.4109

Deuteranopia

47.0709, 4.4188, -56.2047



Tritanopia

46.8453, -22.6427, -9.6736

Trichromacy



Original Color

47.0794, -1.5878, -55.4175

Protanomaly

46.4408, 3.2090, -53.4049

Deuteranomaly

46.7239, 1.7883, -57.0980

Tritanomaly

46.8300, -15.9578, -24.0850

Monochromacy



Original Color

47.0794, -1.5878, -55.4175

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

39.3637, -7.3706, -16.8333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0794, -1.5878, -55.4175 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, 134, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 219)  
}
```

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, 134, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0794, -1.5878, -55.4175 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, 134, 219) }
```


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

```
.border{ border-color:rgb(0, 134, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0794, -1.5878, -55.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 219) }
```

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

```
.background{ background-color: rgb(0, 134,  
219) }
```

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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