

Converting Colors

HunterLab(47.1342, 14.2676,
-89.7131)

Have a look what the booklet for
HunterLab(47.1342, 14.2676,
-89.7131) contains.

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Color

**HunterLab(47.0550, 14.4276,
-89.9596)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 007EFF |
| RGB | 0, 126, 255 |
| RGB Percent | 0%, 49%, 100% |
| CMY | 0.9997, 0.5059, 0.0000 |
| CMYK | 1.00, 0.51, 0.00, 0.00 |
| HSL | 210°, 100%, 50% |
| HSV | 210°, 100%, 100% |
| XYZ | 25.5109, 22.1417, 97.5370 |
| YIQ | 103.0320, -116.5050, 13.4070 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 0, 84, 255 |
| Decimal | 32511 |
| CIE Lab | 54.18, 20.04, -71.80 |
| CIE LCh | 54, 74.545, 285.595 |
| Yxy | 22.1423, 0.1757, 0.1525 |
| Android (android.graphics.Color) | 4278222591 (0xFF007EFF) |
| YUV | 103.0320, 74.9202, -90.3591 |
| Hunter-Lab | 47.0550, 14.4276, -89.9596 |

Details

The HunterLab color **47.0550, 14.4276, -89.9596** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **60.8121, 37.7033, 38.1300**, and the grayscale version is **36.6070, -1.9533, 1.9889**.

A 20% lighter version of the original color is **65.2468, -2.6163, -45.8113**, and **30.7896, 20.3392, -82.3908** is the 20% darker color. If you saturate the color by 10%, you get **47.0443, 14.4491, -89.9927**, and if you desaturate by 10%, it is **50.8641, 8.1408, -78.7953**.

Distribution



- Red (0%)
- Green (49%)
- Blue (100%)



- Red (0%)
- Yellow (33%)
- Blue (100%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0550, 14.4276, -89.9596 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 47.0550, 14.4276, -89.9596 by changing the saturation by 10% instead.

47.0550, 14.4276,
-89.9596

47.0550, 14.4276,
-89.9596

162.2616, 16.0090,
-95.9527

37.3650, 13.8627,
-90.6945

68.5427, 15.2699,
-90.2403

28.4497, 13.1798,
-92.6316

80.2544, 15.5656,
-90.8264

20.3840, 12.3607,
-96.8764

92.5663, 15.7891,
-91.5614

13.2691, 11.3823,
-106.1904

105.4504, 15.9465,
-92.3854

6.8006, 12.5575,
-138.9372

118.8824, 16.0431,
-93.2591

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8407, 16.0833,

-94.1559

0.0000, NaN, -NF

147.3061, 16.0708,
-95.0580

0.0000, NaN, -NF

■ 47.0550, 14.4276,
-89.9596

■ 47.0550, 14.4276,
-89.9596

■ 47.0443, 14.4491,
-89.9927

■ 50.8641, 8.1408,
-78.7953

■ 55.0636, 2.8875,
-67.8888

■ 59.6546, -1.2242,
-57.2921

■ 64.6045, -4.2459,
-47.0904

■ 69.8777, -6.2754,
-37.3245

■ 75.4401, -7.4261,
-27.9984

■ 81.2608, -7.8104,
-19.0925

■ 87.3127, -7.5311,
-10.5738

■ 93.5725, -6.6787,
-2.4040

Harmonies

Analogous

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



47.0556, -16.3144, -90.7263



47.0550, 14.4276, -89.9596



47.0556, 47.5132, -56.0957

Triad

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



47.0556, 14.4291, -89.9577



47.0556, 46.3170, 27.6084



47.0556, -47.1208, 14.4974

Complementary

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



47.0550, 14.4276, -89.9596



60.8121, 37.7033, 38.1300

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.



47.0556, -37.6919, 27.3456



47.0550, 14.4276, -89.9596



47.0556, 13.0881, 30.9467

Square

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



47.0556, 14.4291, -89.9577



47.0556, 68.8983, 15.2939



47.0556, -17.3531, 30.8971



47.0556, -46.9365, -15.1716

Rectangle

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



47.0550, 14.4276, -89.9596



47.0556, 64.2005, -27.0435



47.0556, -17.3531, 30.8971



47.0556, -45.1023, 20.3556

Sweetspot

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



47.0556, 14.4291, -89.9577



81.2427, -7.8103, -19.1190



85.4792, -66.8384, 37.4467



36.4376, -3.5781, -10.5599

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.0556, 14.4291, -89.9577



47.0443, 14.4491, -89.9927



26.8741, 72.8718, -190.8892



43.4278, -3.0657, -0.9400



34.4412, 9.5715, -63.7107



11.7179, 1.1428, -17.1135

Inverse Universe

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



47.7159, 84.8627, 6.3614



47.7130, 84.8650, 6.3747



96.3225, -25.8710, 58.8992



42.5872, 2.5248, 1.0810



34.5332, 61.5039, 3.9839



10.8773, 19.5611, -0.2070

Previews

White Background



This preview shows how the HunterLab color 47.0550, 14.4276, -89.9596 looks on a white background.

Color Contrast Check

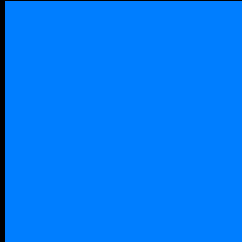
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0550, 14.4276, -89.9596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

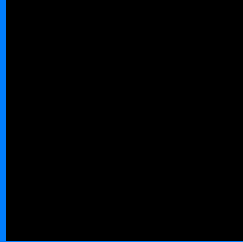
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

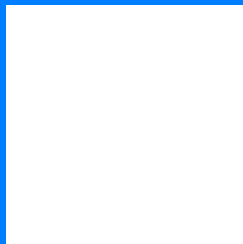
Any Text WCAG AAA × Fail

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

HunterLab 47.0550, 14.4276, -89.9596 Background



This preview shows how black text looks on a background with the HunterLab color 47.0550, 14.4276, -89.9596.



This preview shows how white text looks on a background with the HunterLab color 47.0550, 14.4276, -89.9596.

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

47.0550, 14.4276, -89.9596

Protanopia

47.0484, 16.9010, -87.8208

Deuteranopia

47.0741, 2.5366, -64.3143



Tritanopia

46.8102, -22.8503, -9.1813

Trichromacy



Original Color

47.0550, 14.4276, -89.9596

Protanomaly

47.0258, 15.5908, -88.9697

Deuteranomaly

47.0514, 6.4912, -72.8226

Tritanomaly

46.4386, -11.5760, -33.0549

Monochromacy



Original Color

47.0550, 14.4276, -89.9596

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

38.7243, -2.7609, -25.7135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0550, 14.4276, -89.9596 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, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 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, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0550, 14.4276, -89.9596 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, 126, 255) }
```


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

```
.border{ border-color:rgb(0, 126, 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, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0550, 14.4276, -89.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 255) }
```

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

```
.background{ background-color: rgb(0, 126,  
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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