

Converting Colors

HunterLab(47.5453, 0.8525,
-61.2677)

Have a look what the booklet for
HunterLab(47.5453, 0.8525,
-61.2677) contains.

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Color

**HunterLab(47.5355, 0.8901,
-61.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	0086E3
RGB	0, 134, 227
RGB Percent	0%, 53%, 89%
CMY	0.9998, 0.4745, 0.1098
CMYK	1.00, 0.41, 0.00, 0.11
HSL	205°, 100%, 45%
HSV	205°, 100%, 89%
XYZ	22.3902, 22.5962, 75.8545
YIQ	104.5360, -109.7170, 0.5150

Conversions

Conversions Part 2

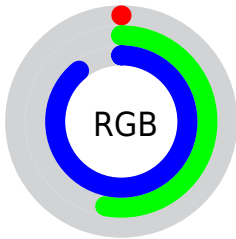
Format	Color
RYB	0, 84, 227
Decimal	34531
CIELab	54.65, 4.26, -55.48
CIElCh	55, 55.643, 274.389
Yxy	22.5969, 0.1853, 0.1870
Android (android.graphics.Color)	4278224611 (0xFF0086E3)
YUV	104.5360, 60.3748, -91.6781
Hunter-Lab	47.5355, 0.8901, -61.3368

Details

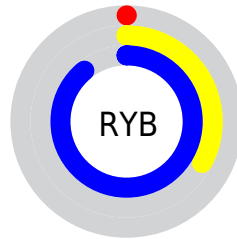
The HunterLab color **47.5355, 0.8901, -61.3368** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **49.1629, 43.2155, 31.0485**, and the grayscale version is **37.2245, -1.9862, 2.0225**.

A 20% lighter version of the original color is **67.6490, -8.4978, -41.3813**, and **30.7201, 7.8265, -55.2927** is the 20% darker color. If you saturate the color by 10%, you get **47.5290, 0.9018, -61.3537**, and if you desaturate by 10%, it is **50.4594, -3.1171, -54.3535**.

Distribution



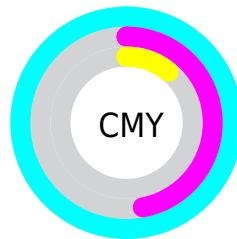
- Red (0%)
- Green (53%)
- Blue (89%)



- Red (0%)
- Yellow (33%)
- Blue (89%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5355, 0.8901, -61.3368 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 47.5355, 0.8901, -61.3368 by changing the saturation by 10% instead.

47.5355, 0.8901,
-61.3368

47.5355, 0.8901,
-61.3368

162.9871, -3.5731,
-67.8620

37.8103, 1.1660,
-61.0446

69.0873, 0.1835,
-62.5858

28.8564, 1.3791,
-61.2590

80.8284, -0.2399,
-63.3486

20.7481, 1.5206,
-62.4912

93.1682, -0.7051,
-64.1382

13.5850, 1.5751,
-66.0127

106.0790, -1.2091,
-64.9291

7.1785, 2.2012,
-79.9428

119.5365, -1.7498,
-65.7053

0.0000, NaN, -NF

0.0000, NaN, -NF

133.5194, -2.3251,

-66.4568

0.0000, NaN, -NF

148.0086, -2.9334,
-67.1771

0.0000, NaN, NaN

■ 47.5355, 0.8901,
-61.3368

■ 47.5355, 0.8901,
-61.3368

■ 47.5290, 0.9018,
-61.3537

■ 50.4594, -3.1171,
-54.3535

■ 53.6358, -6.3547,
-47.3959

■ 57.0867, -8.7104,
-40.4544

■ 60.8016, -10.2024,
-33.5798

■ 64.7640, -10.8845,
-26.8143

■ 68.9556, -10.8269,
-20.1863

■ 73.3577, -10.1054,
-13.7113

■ 77.9527, -8.7941,
-7.3946

■ 82.7241, -6.9617,
-1.2342

Harmonies

Analogous

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



47.5362, -20.1782, -53.0961



47.5355, 0.8901, -61.3368



47.5362, 25.0938, -46.8390

Triad

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



47.5362, 0.8912, -61.3357



47.5362, 39.7177, 20.7381



47.5362, -36.1946, 17.4122

Complementary

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



47.5355, 0.8901, -61.3368



49.1629, 43.2155, 31.0485

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.



47.5362, -25.0187, 25.8527



47.5355, 0.8901, -61.3368



47.5362, 18.1187, 27.0331

Square

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



47.5362, 0.8912, -61.3357



47.5362, 50.0545, 5.6942



47.5362, -5.8746, 28.3194



47.5362, -39.0734, -0.7441

Rectangle

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



47.5355, 0.8901, -61.3368



47.5362, 39.0025, -28.9887



47.5362, -5.8746, 28.3194



47.5362, -33.4037, 21.1385

Sweetspot

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



47.5362, 0.8912, -61.3357



83.5871, -11.5555, -15.8035



74.6267, -60.3914, 37.0936



37.6732, -5.5450, -8.7524

0.0000, NaN, NaN



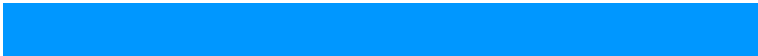
46.2646, -2.4686, 2.5136

Same Dimension

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



47.5362, 0.8912, -61.3357



54.0310, 1.3733, -70.4985



24.7981, 58.5826, -157.4501



39.1076, -3.2308, -0.4346



36.6189, 0.1323, -46.0562



10.8289, -1.4061, -10.4998

Inverse Universe

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



42.4894, 76.8078, -3.9464



48.4544, 87.5574, -4.1768



77.2416, -11.8966, 47.3864



38.0920, 2.3739, 0.5314



32.4829, 58.7901, -3.5224



8.9334, 16.3538, -2.4058

Previews

White Background



This preview shows how the HunterLab color 47.5355, 0.8901, -61.3368 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 47.5355, 0.8901, -61.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

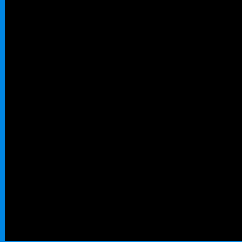
Any Text WCAG AA ✓ Pass

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 47.5355, 0.8901, -61.3368 Background



This preview shows how black text looks on a background with the HunterLab color 47.5355, 0.8901, -61.3368.



This preview shows how white text looks on a background with the HunterLab color 47.5355, 0.8901, -61.3368.

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

47.5355, 0.8901, -61.3368

Protanopia

47.4549, 9.9526, -55.1810

Deuteranopia

47.7042, 4.5304, -61.7505



Tritanopia

47.5577, -23.0158, -9.7586

Trichromacy



Original Color

47.5355, 0.8901, -61.3368

Protanomaly

47.0774, 4.7812, -58.8297

Deuteranomaly

47.6107, 2.7476, -62.0185

Tritanomaly

47.3138, -15.3987, -25.8966

Monochromacy



Original Color

47.5355, 0.8901, -61.3368

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

39.8171, -6.9854, -17.9268

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5355, 0.8901, -61.3368 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5355, 0.8901, -61.3368 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, 227) }
```


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

```
.border{ border-color:rgb(0, 134, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5355, 0.8901, -61.3368 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, 227) }
```

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

```
.background{ background-color: rgb(0, 134,  
227) }
```

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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