

Converting Colors

HunterLab(47.3617, -16.4501,
-16.2664)

Have a look what the booklet for
HunterLab(47.3617, -16.4501,
-16.2664) contains.

HunterLab(47.3617, -16.4501, -16.2664)	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(47.3617,
-16.4501, -16.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	308DA6
RGB	48, 141, 166
RGB Percent	19%, 55%, 65%
CMY	0.8117, 0.4471, 0.3490
CMYK	0.71, 0.15, 0.00, 0.35
HSL	193°, 55%, 42%
HSV	193°, 71%, 65%
XYZ	17.6267, 22.4313, 39.4771
YIQ	116.0430, -63.4530, -11.9410

Conversions

Conversions Part 2

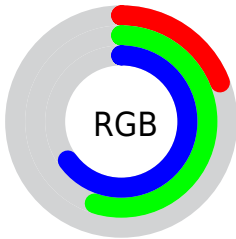
Format	Color
R_{YB}	48, 100, 166
Decimal	3181990
CIE _{Lab}	54.48, -18.67, -21.09
CIE _{LCh}	54, 28.166, 228.490
Yxy	22.4321, 0.2216, 0.2820
Android (android.graphics.Color)	4281372070 (0xFF308DA6)
YUV	116.0430, 24.6288, -59.6737
Hunter-Lab	47.3617, -16.4501, -16.2664

Details

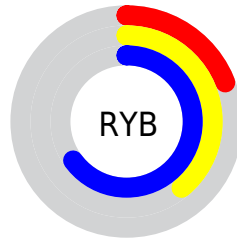
The HunterLab color **47.3617, -16.4501, -16.2664** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **36.1753, 28.6822, 18.2088**, and the grayscale version is **41.7344, -2.2268, 2.2675**.

A 20% lighter version of the original color is **68.9679, -19.7641, -16.6558**, and **29.4908, -10.5814, -14.0188** is the 20% darker color. If you saturate the color by 10%, you get **45.9134, -16.2969, -18.5813**, and if you desaturate by 10%, it is **48.9569, -16.0743, -13.8058**.

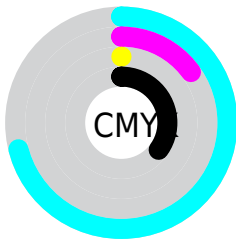
Distribution



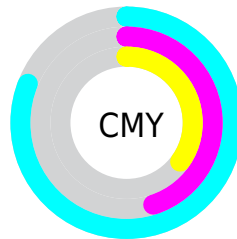
- Red (19%)
- Green (55%)
- Blue (65%)



- Red (19%)
- Yellow (39%)
- Blue (65%)



- Cyan (71%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (81%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3617, -16.4501, -16.2664 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 47.3617, -16.4501, -16.2664 by changing the saturation by 10% instead.

■ 47.3617, -16.4501,
-16.2664

■ 47.3617, -16.4501,
-16.2664

162.7251,
-30.4438, -17.0434

■ 37.6494, -14.7728,
-15.8827

■ 68.8906, -19.6713,
-16.8373

■ 28.7094, -13.0242,
-15.4398

■ 80.6211, -21.2401,
-17.0289

■ 20.6165, -11.1685,
-14.9568

■ 92.9509, -22.7916,
-17.1616

■ 13.4707, -9.1419,
-14.5005

■ 105.8520,
-24.3314, -17.2383

■ 7.0444, -11.9229,
-15.6274

■ 119.3003,
-25.8636, -17.2623

0.0000, NaN, -NF

0.0000, NaN, NaN

133.2743,

-27.3915, -17.2361

0.0000, NaN, NaN

147.7550,
-28.9175, -17.1624

0.0000, NaN, NaN

■ 47.3617, -16.4501,
-16.2664

■ 47.3617, -16.4501,
-16.2664

■ 45.9134, -16.2969,
-18.5813

■ 48.9569, -16.0743,
-13.8058

■ 44.6033, -15.6350,
-20.7455

■ 50.6980, -15.1718,
-11.2167

■ 43.5205, -14.7342,
-22.5899

■ 52.5841, -13.7600,
-8.5165

■ 54.6114, -11.8669,
-5.7240

■ 56.7747, -9.5264,
-2.8577

■ 59.0678, -6.7758,
0.0661

■ 61.4840, -3.6529,
3.0327

■ 64.0166, -0.1946,
6.0301

■ 66.6587, 3.5644,
9.0484

Harmonies

Analogous

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



47.3626, -21.9161, -4.6723



47.3617, -16.4501, -16.2664



47.3626, -6.9071, -23.3442

Triad

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



47.3626, -16.4500, -16.2656



47.3626, 21.4198, -1.8632



47.3626, -9.4113, 18.6335

Complementary

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



47.3617, -16.4501, -16.2664



36.1753, 28.6822, 18.2088

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.



47.3626, 2.0127, 19.0375



47.3617, -16.4501, -16.2664



47.3626, 20.5840, 8.8372

Square

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



47.3626, -16.4500, -16.2656



47.3626, 15.3952, -13.7872



47.3626, 13.2108, 15.8953



47.3626, -18.1307, 14.6146

Rectangle

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



47.3617, -16.4501, -16.2664



47.3626, 0.8154, -23.6376



47.3626, 13.2108, 15.8953



47.3626, -5.7845, 19.1534

Sweetspot

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



47.3626, -16.4500, -16.2656



76.3924, -12.9401, -3.9708



53.2580, -39.5335, 25.3747



35.7653, -6.5405, -2.3657



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



47.3626, -16.4500, -16.2656



60.8605, -21.5459, -26.6609



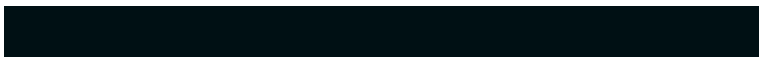
31.0331, 10.2671, -49.6241



28.7371, -3.0166, 0.2863



38.4140, -13.0988, -19.7375



6.5180, -2.7441, -2.2231

Inverse Universe

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



34.8493, 49.6049, -20.5311



43.5629, 75.6965, -28.9539



49.4436, 1.2833, 27.1352



27.6387, 1.8317, -0.2188



27.4968, 51.7227, -18.1515



4.3657, 8.3387, -3.8628

Previews

White Background



This preview shows how the HunterLab color 47.3617, -16.4501, -16.2664 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 47.3617, -16.4501, -16.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

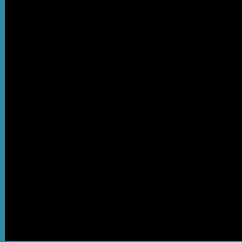
Any Text WCAG AA ✓ Pass

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 47.3617, -16.4501, -16.2664 Background



This preview shows how black text looks on a background with the HunterLab color 47.3617, -16.4501, -16.2664.



This preview shows how white text looks on a background with the HunterLab color 47.3617,

-16.4501, -16.2664.

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

47.3617, -16.4501, -16.2664

Protanopia

46.9932, 1.2259, -11.2667

Deuteranopia

47.0194, 3.6490, -18.2948



Tritanopia

47.3947, -20.3687, -9.9456

Trichromacy



Original Color

47.3617, -16.4501, -16.2664

Protanomaly

46.6904, -6.9423, -13.5836

Deuteranomaly

46.5933, -5.1659, -18.5206

Tritanomaly

47.2893, -18.8620, -12.3156

Monochromacy



Original Color

47.3617, -16.4501, -16.2664

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.1423, -9.5020, -4.5783

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3617, -16.4501, -16.2664 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(48, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(48, 141, 166)  
}
```

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(48, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 141, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3617, -16.4501, -16.2664 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(48, 141, 166) }
```


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

```
.border{ border-color:rgb(48, 141, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 141, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 141, 166);  
box-shadow:4px 4px 4px 4px rgb(48, 141,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3617, -16.4501, -16.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 141, 166) }
```

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

```
.background{ background-color: rgb(48, 141,  
166) }
```

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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