

Converting Colors

HunterLab(47.6255, -9.6816,
-38.2668)

Have a look what the booklet for
HunterLab(47.6255, -9.6816,
-38.2668) contains.

HunterLab(47.5616, -9.6583, -38.2189)	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(47.5616, -9.6583,
-38.2189)

Conversions

Conversions Part 1

Format	Color
Hex	058BC7
RGB	5, 139, 199
RGB Percent	2%, 55%, 78%
CMY	0.9802, 0.4549, 0.2196
CMYK	0.97, 0.30, 0.00, 0.22
HSL	199°, 95%, 40%
HSV	199°, 97%, 78%
XYZ	19.6040, 22.6211, 57.3659
YIQ	105.7740, -99.1240, -9.7480

Conversions

Conversions Part 2

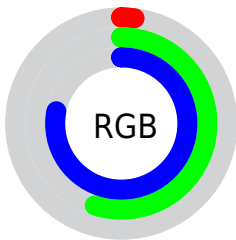
Format	Color
RYB	5, 84, 199
Decimal	363463
CIELab	54.68, -9.23, -39.67
CIElCh	55, 40.731, 256.896
Yxy	22.6218, 0.1968, 0.2271
Android (android.graphics.Color)	4278553543 (0xFF058BC7)
YUV	105.7740, 45.9604, -88.3788
Hunter-Lab	47.5616, -9.6583, -38.2189

Details

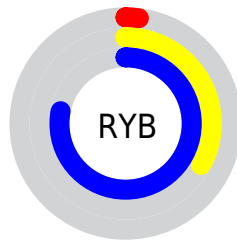
The HunterLab color **47.5616, -9.6583, -38.2189** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **39.9235, 44.0286, 25.1564**, and the grayscale version is **37.7420, -2.0138, 2.0506**.

A 20% lighter version of the original color is **68.9724, -11.8890, -39.0343**, and **30.3135, -1.9179, -33.7491** is the 20% darker color. If you saturate the color by 10%, you get **47.0538, -9.0629, -39.2490**, and if you desaturate by 10%, it is **49.6271, -11.8252, -34.1812**.

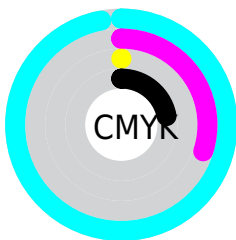
Distribution



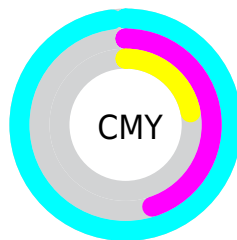
- Red (2%)
- Green (55%)
- Blue (78%)



- Red (2%)
- Yellow (33%)
- Blue (78%)



- Cyan (97%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5616, -9.6583, -38.2189 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 47.5616, -9.6583, -38.2189 by changing the saturation by 10% instead.

■ 47.5616, -9.6583,
-38.2189

■ 47.5616, -9.6583,
-38.2189

163.0265,
-19.6237, -43.1211

■ 37.8345, -8.5822,
-37.5913

■ 69.1170, -11.8078,
-39.5494

■ 28.8786, -7.4967,
-37.0920

■ 80.8596, -12.8911,
-40.1890

■ 20.7680, -6.3878,
-36.9113

■ 93.2010, -13.9833,
-40.7918

■ 13.6022, -5.2311,
-37.5356

■ 106.1132,
-15.0861, -41.3514

■ 7.1984, -5.9743,
-42.8748

■ 119.5721,
-16.2009, -41.8650

0.0000, NaN, -NF

0.0000, NaN, -NF

133.5563,

-17.3283, -42.3311

0.0000, NaN, NaN

148.0468,
-18.4691, -42.7496

0.0000, NaN, NaN

■ 47.5616, -9.6583,
-38.2189

■ 47.5616, -9.6583,
-38.2189

■ 47.0538, -9.0629,
-39.2490

■ 49.6271, -11.8252,
-34.1812

■ 51.8770, -13.3611,
-30.0221

■ 54.3248, -14.2097,
-25.7461

■ 56.9696, -14.3734,
-21.3815

■ 59.8054, -13.8803,
-16.9589

■ 62.8235, -12.7731,
-12.5063

■ 66.0137, -11.1018,
-8.0469

■ 69.3651, -8.9190,
-3.5988

■ 72.8670, -6.2761,
0.8249

Harmonies

Analogous

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



47.5624, -22.6970, -25.8216



47.5616, -9.6583, -38.2189



47.5624, 7.2365, -37.2952

Triad

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



47.5624, -9.6577, -38.2179



47.5624, 32.5578, 10.6961



47.5624, -23.9390, 19.1878

Complementary

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



47.5616, -9.6583, -38.2189



39.9235, 44.0286, 25.1564

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.



47.5624, -11.5862, 23.6309



47.5616, -9.6583, -38.2189



47.5624, 21.6571, 20.0284

Square

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



47.5624, -9.6577, -38.2179



47.5624, 33.2646, -4.9333



47.5624, 5.0218, 23.8729



47.5624, -30.1361, 9.0533

Rectangle

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



47.5616, -9.6583, -38.2189



47.5624, 18.4920, -29.2004



47.5624, 5.0218, 23.8729



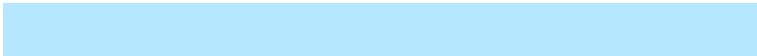
47.5624, -20.4534, 21.2157

Sweetspot

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



47.5624, -9.6577, -38.2179



86.5060, -15.1792, -11.8040



64.2194, -52.9284, 34.2721



39.1724, -7.4783, -6.6427

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.5624, -9.6577, -38.2179



61.9005, -11.4396, -52.6754



24.3829, 39.8096, -115.6673



33.9006, -3.2010, -0.0096



37.9451, -7.5915, -31.0401



8.9789, -2.7076, -5.3779

Inverse Universe

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



37.5711, 68.5540, -14.1959



49.3956, 90.9465, -17.3455



61.1291, -1.3044, 37.5041



32.8003, 2.1244, 0.0816



29.9892, 55.3115, -11.2735



6.6212, 12.3768, -3.7659

Previews

White Background



This preview shows how the HunterLab color 47.5616, -9.6583, -38.2189 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 47.5616, -9.6583, -38.2189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

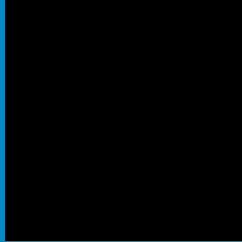
Any Text WCAG AA ✓ Pass

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 47.5616, -9.6583, -38.2189 Background



This preview shows how black text looks on a background with the HunterLab color 47.5616, -9.6583, -38.2189.

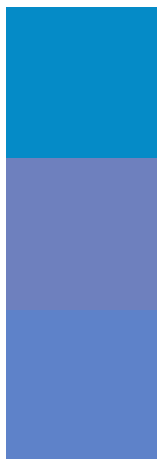


This preview shows how white text looks on a background with the HunterLab color 47.5616, -9.6583,

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

47.5616, -9.6583, -38.2189

Protanopia

47.4036, 5.3222, -31.6274

Deuteranopia

47.4995, 3.8396, -39.6386



Tritanopia

47.5577, -23.0158, -9.7586

Trichromacy



Original Color

47.5616, -9.6583, -38.2189

Protanomaly

46.6160, -2.8911, -35.4951

Deuteranomaly

46.8714, -2.8147, -40.2887

Tritanomaly

47.5375, -18.6125, -19.0867

Monochromacy



Original Color

47.5616, -9.6583, -38.2189

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.1441, -9.4854, -12.0734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5616, -9.6583, -38.2189 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(5, 139, 199)` looks like.

```
.text, #text, p{  
    color:rgb(5, 139, 199)  
}
```

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(5, 139, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 139, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5616, -9.6583, -38.2189 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(5, 139, 199) }
```


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

```
.border{ border-color:rgb(5, 139, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 139, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 139, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 139, 199);  
box-shadow:4px 4px 4px 4px rgb(5, 139,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5616, -9.6583, -38.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 139, 199) }
```

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

```
.background{ background-color: rgb(5, 139,  
199) }
```

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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