

Converting Colors

HunterLab(38.6680, 7.7090,
-64.6003)

Have a look what the booklet for
HunterLab(38.6680, 7.7090,
-64.6003) contains.

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Color

**HunterLab(38.6639, 7.7161,
-64.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	046BCD
RGB	4, 107, 205
RGB Percent	2%, 42%, 80%
CMY	0.9841, 0.5804, 0.1961
CMYK	0.98, 0.48, 0.00, 0.20
HSL	209°, 96%, 41%
HSV	209°, 98%, 80%
XYZ	16.3272, 14.9490, 59.7825
YIQ	87.3750, -92.8460, 8.6420

Conversions

Conversions Part 2

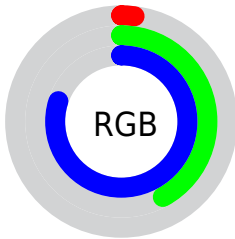
Format	Color
R_{YB}	4, 72, 205
Decimal	289741
CIE _{Lab}	45.56, 12.58, -57.62
CIE _{LCh}	46, 58.983, 282.320
Yxy	14.9494, 0.1793, 0.1642
Android (android.graphics.Color)	4278479821 (0xFF046BCD)
YUV	87.3750, 57.9891, -73.1199
Hunter-Lab	38.6639, 7.7161, -64.6100

Details

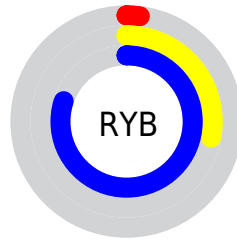
The HunterLab color **38.6639, 7.7161, -64.6100** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **47.4341, 29.7147, 29.6036**, and the grayscale version is **30.8331, -1.6452, 1.6752**.

A 20% lighter version of the original color is **58.6371, 5.5511, -59.4322**, and **23.5361, 13.2182, -57.9524** is the 20% darker color. If you saturate the color by 10%, you get **38.1005, 8.6297, -66.2515**, and if you desaturate by 10%, it is **41.6303, 3.3417, -56.5482**.

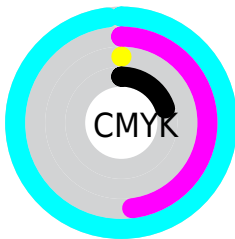
Distribution



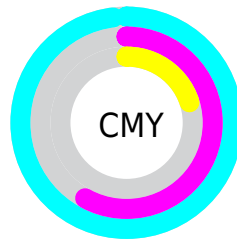
- Red (2%)
- Green (42%)
- Blue (80%)



- Red (2%)
- Yellow (28%)
- Blue (80%)



- Cyan (98%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6639, 7.7161, -64.6100 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 38.6639, 7.7161, -64.6100 by changing the saturation by 10% instead.

■ 38.6639, 7.7161,
-64.6100

■ 38.6639, 7.7161,
-64.6100

■ 149.3518, 6.9504,
-70.7529

■ 29.6376, 7.4511,
-64.9141

■ 58.9613, 7.9823,
-65.3733

■ 21.4487, 7.0742,
-66.2918

■ 70.1303, 8.0029,
-66.0564

■ 14.1944, 6.5617,
-70.0339

■ 81.9271, 7.9593,
-66.8204

■ 7.8489, 6.5910,
-82.1119

■ 94.3200, 7.8575,
-67.6201

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 107.2815, 7.7020,
-68.4280

0.0000, NaN, -NF

120.7876, 7.4969,

0.0000, NaN, NaN

-69.2263

0.0000, NaN, NaN

134.8174, 7.2454,
-70.0037

■ 38.6639, 7.7161,
-64.6100

■ 38.6639, 7.7161,
-64.6100

■ 38.1005, 8.6297,
-66.2515

■ 41.6303, 3.3417,
-56.5482

■ 44.8823, -0.2257,
-48.6465

■ 48.4144, -2.9477,
-40.9514

■ 52.2041, -4.8713,
-33.5150

■ 56.2273, -6.0696,
-26.3632

■ 60.4608, -6.6240,
-19.4997

■ 64.8834, -6.6141,
-12.9137

■ 69.4763, -6.1129,
-6.5858

■ 74.2230, -5.1848,
-0.4925

Harmonies

Analogous

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



38.6644, -14.4729, -62.2322



38.6639, 7.7161, -64.6100



38.6644, 32.0111, -43.0334

Triad

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



38.6644, 7.7173, -64.6090



38.6644, 35.8834, 20.9453



38.6644, -35.5375, 12.7290

Complementary

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



38.6639, 7.7161, -64.6100



47.4341, 29.7147, 29.6036

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.



38.6644, -27.3273, 21.9612



38.6639, 7.7161, -64.6100



38.6644, 12.1362, 24.4641

Square

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



38.6644, 7.7173, -64.6090



38.6644, 50.6200, 9.9717



38.6644, -10.9623, 24.6808



38.6644, -36.1909, -7.8677

Rectangle

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



38.6639, 7.7161, -64.6100



38.6644, 44.7943, -22.6434



38.6644, -10.9623, 24.6808



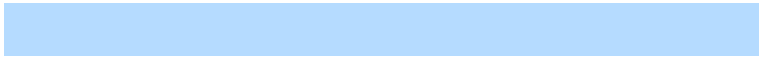
38.6644, -33.6761, 16.8737

Sweetspot

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



38.6644, 7.7173, -64.6090



82.2677, -8.5052, -17.6394



66.8072, -52.1476, 29.2870



36.9226, -3.9580, -9.8350

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.6644, 7.7173, -64.6090



48.3290, 11.8911, -86.0765



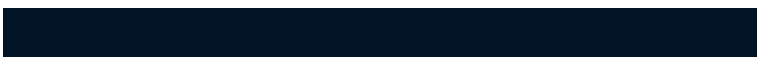
21.4347, 55.3459, -145.5861



34.3198, -2.4887, -0.6121



30.3778, 6.1986, -51.3506



7.9231, -0.4156, -9.0060

Inverse Universe

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



37.5880, 66.5941, 2.3862



47.8425, 85.3366, 4.5205



74.2062, -18.6375, 45.3064



33.6274, 1.9211, 0.8037



29.5543, 52.8274, 1.9289



6.8258, 12.4085, -1.1631

Previews

White Background



This preview shows how the HunterLab color 38.6639, 7.7161, -64.6100 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.6639, 7.7161, -64.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

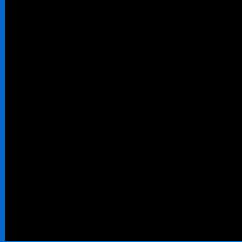
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.6639, 7.7161, -64.6100 Background



This preview shows how black text looks on a background with the HunterLab color 38.6639, 7.7161, -64.6100.



This preview shows how white text looks on a background with the HunterLab color 38.6639, 7.7161, -64.6100.

-64.6100.

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

38.6639, 7.7161, -64.6100

Protanopia

38.7003, 11.5451, -61.5564

Deuteranopia

38.6751, 1.9662, -52.5850



Tritanopia

38.3744, -18.6509, -7.7027

Trichromacy



Original Color

38.6639, 7.7161, -64.6100

Protanomaly

38.4578, 9.5549, -63.2406

Deuteranomaly

38.6975, 4.0494, -57.0167

Tritanomaly

38.2550, -10.6754, -24.6761

Monochromacy



Original Color

38.6639, 7.7161, -64.6100

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.3836, -3.0980, -18.7658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6639, 7.7161, -64.6100 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(4, 107, 205)` looks like.

```
.text, #text, p{  
    color:rgb(4, 107, 205)  
}
```

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(4, 107, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 107, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6639, 7.7161, -64.6100 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(4, 107, 205) }
```


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

```
.border{ border-color:rgb(4, 107, 205) }
```

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

Here you see how a box with a 4 pixel rgb(4, 107, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 107, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 107, 205);  
box-shadow:4px 4px 4px 4px rgb(4, 107,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6639, 7.7161, -64.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 107, 205) }
```

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

```
.background{ background-color: rgb(4, 107,  
205) }
```

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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