

Converting Colors

HunterLab(38.2387, 7.9123,
-64.8754)

Have a look what the booklet for
HunterLab(38.2387, 7.9123,
-64.8754) contains.

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Color

**HunterLab(38.2984, 7.7975,
-64.7024)**

Conversions

Conversions Part 1

Format	Color
Hex	006ACC
RGB	0, 106, 204
RGB Percent	0%, 42%, 80%
CMY	0.9998, 0.5843, 0.2000
CMYK	1.00, 0.48, 0.00, 0.20
HSL	209°, 100%, 40%
HSV	209°, 100%, 80%
XYZ	16.0531, 14.6677, 59.1117
YIQ	85.4780, -94.6340, 8.0060

Conversions

Conversions Part 2

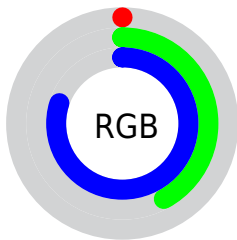
Format	Color
RYB	0, 70, 204
Decimal	27340
CIELab	45.18, 12.70, -57.68
CIELCh	45, 59.060, 282.413
Yxy	14.6681, 0.1787, 0.1633
Android (android.graphics.Color)	4278217420 (0xFF006ACC)
YUV	85.4780, 58.4313, -74.9642
Hunter-Lab	38.2984, 7.7975, -64.7024

Details

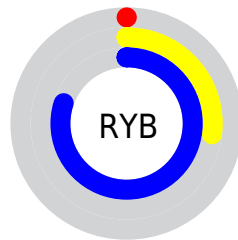
The HunterLab color **38.2984, 7.7975, -64.7024** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **46.4556, 31.1847, 29.1700**, and the grayscale version is **30.1376, -1.6081, 1.6374**.

A 20% lighter version of the original color is **58.2980, 5.9166, -60.1910**, and **23.2414, 13.4016, -57.9800** is the 20% darker color. If you saturate the color by 10%, you get **38.2928, 7.8085, -64.7191**, and if you desaturate by 10%, it is **41.1805, 3.4397, -56.8137**.

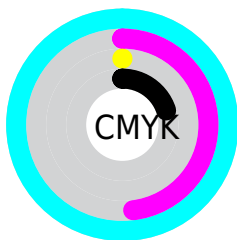
Distribution



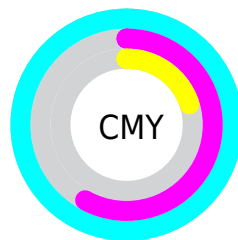
- Red (0%)
- Green (42%)
- Blue (80%)



- Red (0%)
- Yellow (27%)
- Blue (80%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2984, 7.7975, -64.7024 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 38.2984, 7.7975, -64.7024 by changing the saturation by 10% instead.

■ 38.2984, 7.7975,
-64.7024

■ 38.2984, 7.7975,
-64.7024

■ 148.7778, 7.0964,
-70.8154

■ 29.3032, 7.5224,
-65.0398

■ 58.5404, 8.0814,
-65.4384

■ 21.1486, 7.1341,
-66.4848

■ 69.6843, 8.1098,
-66.1166

■ 13.9331, 6.6086,
-70.3831

■ 81.4574, 8.0737,
-66.8782

■ 7.5699, 6.9052,
-83.7806

■ 93.8276, 7.9787,
-67.6774

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.7675, 7.8299,
-68.4857

0.0000, NaN, -NF

120.2529, 7.6310,

0.0000, NaN, NaN

-69.2852

0.0000, NaN, NaN

134.2626, 7.3856,
-70.0643

■ 38.2984, 7.7975,
-64.7024

■ 38.2984, 7.7975,
-64.7024

■ 38.2928, 7.8085,
-64.7191

■ 41.1805, 3.4397,
-56.8137

■ 44.3268, -0.1836,
-49.1004

■ 47.7506, -2.9703,
-41.5607

■ 51.4318, -4.9571,
-34.2502

■ 55.3475, -6.2111,
-27.2003

■ 59.4749, -6.8109,
-20.4205

■ 63.7933, -6.8350,
-13.9049

■ 68.2838, -6.3564,
-7.6379

■ 72.9298, -5.4402,
-1.5990

Harmonies

Analogous

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



38.2989, -14.3649, -62.3994



38.2984, 7.7975, -64.7024



38.2989, 32.0745, -43.0020

Triad

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



38.2989, 7.7988, -64.7014



38.2989, 35.8128, 20.8498



38.2989, -35.4114, 12.6304

Complementary

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



38.2984, 7.7975, -64.7024



46.4556, 31.1847, 29.1700

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.



38.2989, -27.2687, 21.8187



38.2984, 7.7975, -64.7024



38.2989, 12.0592, 24.3035

Square

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



38.2989, 7.7988, -64.7014



38.2989, 50.6009, 9.9811



38.2989, -10.9862, 24.5086



38.2989, -36.0382, -7.9609

Rectangle

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



38.2984, 7.7975, -64.7024



38.2989, 44.8409, -22.5670



38.2989, -10.9862, 24.5086



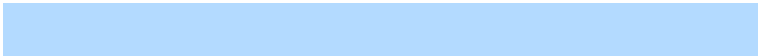
38.2989, -33.5686, 16.7619

Sweetspot

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



38.2989, 7.7988, -64.7014



81.8613, -8.8081, -18.2336



66.3450, -52.4219, 30.2408



36.7633, -4.1025, -10.0765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.2989, 7.7988, -64.7014



48.8377, 10.8993, -84.5714



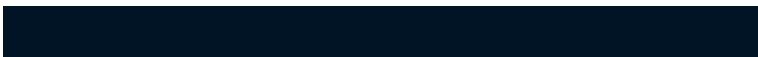
21.2332, 55.0962, -145.4690



34.3395, -2.5211, -0.5881



30.6868, 5.6089, -50.4639



7.9833, -0.5154, -8.8659

Inverse Universe

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



37.2546, 66.5861, 2.4207



47.8946, 85.5264, 3.7753



72.7061, -16.9670, 44.5031



33.6294, 1.9320, 0.7748



29.5865, 52.9445, 1.4693



6.8329, 12.4340, -1.2625

Previews

White Background



This preview shows how the HunterLab color 38.2984, 7.7975, -64.7024 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 38.2984, 7.7975, -64.7024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

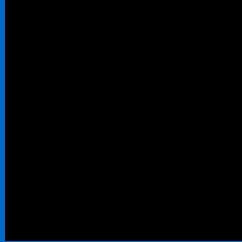
Any Text WCAG AA × Fail

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 38.2984, 7.7975, -64.7024 Background



This preview shows how black text looks on a background with the HunterLab color 38.2984, 7.7975, -64.7024.



This preview shows how white text looks on a background with the HunterLab color 38.2984, 7.7975, -64.7024.

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

38.2984, 7.7975, -64.7024

Protanopia

38.3072, 11.5298, -61.7195

Deuteranopia

38.2818, 1.8431, -51.8276



Tritanopia

38.3406, -18.8509, -7.2286

Trichromacy



Original Color

38.2984, 7.7975, -64.7024

Protanomaly

38.0854, 9.6085, -63.3512

Deuteranomaly

38.2952, 3.8929, -56.2695

Tritanomaly

37.9048, -10.5295, -24.6476

Monochromacy



Original Color

38.2984, 7.7975, -64.7024

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.8928, -3.5825, -18.3760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2984, 7.7975, -64.7024 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, 106, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 204)  
}
```

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, 106, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2984, 7.7975, -64.7024 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, 106, 204) }
```


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

```
.border{ border-color:rgb(0, 106, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2984, 7.7975, -64.7024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 204) }
```

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

```
.background{ background-color: rgb(0, 106,  
204) }
```

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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