

Converting Colors

HunterLab(37.5519, 3.9811,
-55.5306)

Have a look what the booklet for
HunterLab(37.5519, 3.9811,
-55.5306) contains.

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Color

**HunterLab(37.5684, 3.9501,
-55.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	006AC0
RGB	0, 106, 192
RGB Percent	0%, 42%, 75%
CMY	0.9998, 0.5843, 0.2471
CMYK	1.00, 0.45, 0.00, 0.25
HSL	207°, 100%, 38%
HSV	207°, 100%, 75%
XYZ	14.6685, 14.1138, 51.8203
YIQ	84.1100, -90.7820, 4.2740

Conversions

Conversions Part 2

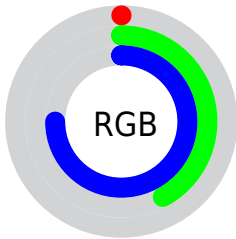
Format	Color
RYB	0, 68, 192
Decimal	27328
CIELab	44.40, 7.87, -52.02
CIELCh	44, 52.611, 278.604
Yxy	14.1142, 0.1820, 0.1751
Android (android.graphics.Color)	4278217408 (0xFF006AC0)
YUV	84.1100, 53.1898, -73.7645
Hunter-Lab	37.5684, 3.9501, -55.4843

Details

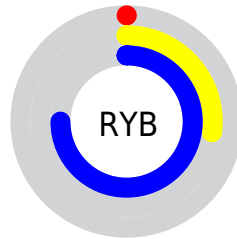
The HunterLab color **37.5684, 3.9501, -55.4843** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **42.2714, 31.8869, 26.6040**, and the grayscale version is **29.6558, -1.5824, 1.6113**.

A 20% lighter version of the original color is **57.7810, 3.5323, -56.2970**, and **22.5093, 9.8012, -49.2926** is the 20% darker color. If you saturate the color by 10%, you get **37.5636, 3.9591, -55.4978**, and if you desaturate by 10%, it is **40.1468, 0.3185, -48.9049**.

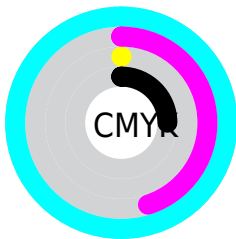
Distribution



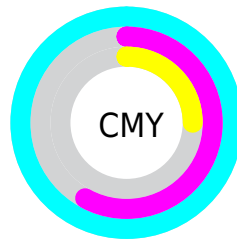
- Red (0%)
- Green (42%)
- Blue (75%)



- Red (0%)
- Yellow (27%)
- Blue (75%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5684, 3.9501, -55.4843 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 37.5684, 3.9501, -55.4843 by changing the saturation by 10% instead.

■ 37.5684, 3.9501,
-55.4843

■ 37.5684, 3.9501,
-55.4843

■ 147.6281, 1.3491,
-61.5971

■ 28.6359, 3.9451,
-55.4877

■ 57.6989, 3.7410,
-56.5016

■ 20.5507, 3.8474,
-56.3367

■ 68.7922, 3.5423,
-57.2159

■ 13.4136, 3.6362,
-59.1185

■ 80.5174, 3.2896,
-57.9738

■ 6.9764, 4.5435,
-71.7733

■ 92.8421, 2.9873,
-58.7412

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.7384, 2.6392,
-59.4976

0.0000, NaN, -NF

■ 119.1821, 2.2485,

0.0000, NaN, NaN

-60.2304

0.0000, NaN, NaN

133.1517, 1.8177,
-60.9318

■ 37.5684, 3.9501,
-55.4843

■ 37.5684, 3.9501,
-55.4843

■ 37.5636, 3.9591,
-55.4978

■ 40.1468, 0.3185,
-48.9049

■ 42.9453, -2.6718,
-42.4337

■ 45.9833, -4.9159,
-36.0523

■ 49.2469, -6.4408,
-29.8066

■ 52.7189, -7.3005,
-23.7282

■ 56.3812, -7.5600,
-17.8328

■ 60.2167, -7.2863,
-12.1243

■ 64.2096, -6.5428,
-6.5975

■ 68.3456, -5.3871,
-1.2420

Harmonies

Analogous

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



37.5689, -15.0907, -50.8085



37.5684, 3.9501, -55.4843



37.5689, 25.2727, -39.5186

Triad

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



37.5689, 3.9511, -55.4834



37.5689, 33.2136, 18.5108



37.5689, -31.6416, 13.1359

Complementary

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



37.5684, 3.9501, -55.4843



42.2714, 31.8869, 26.6040

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.



37.5689, -23.2054, 20.9230



37.5684, 3.9501, -55.4843



37.5689, 13.1563, 22.6960

Square

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



37.5689, 3.9511, -55.4834



37.5689, 44.3462, 7.1393



37.5689, -7.6148, 23.2585



37.5689, -33.0894, -3.8807

Rectangle

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



37.5684, 3.9501, -55.4843



37.5689, 36.9969, -22.5886



37.5689, -7.6148, 23.2585



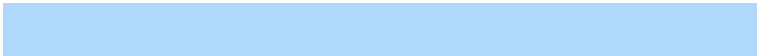
37.5689, -29.6296, 16.5974

Sweetspot

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



37.5689, 3.9511, -55.4834



80.7922, -9.8422, -16.7001



61.9094, -49.4649, 29.4016



36.3943, -4.6628, -9.2363



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



37.5689, 3.9511, -55.4834



50.0562, 6.2580, -76.0750



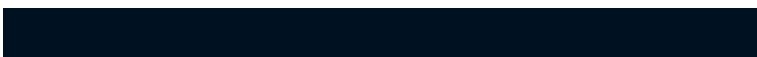
20.2232, 49.8455, -132.8722



32.6328, -2.5237, -0.4392



31.0677, 2.7866, -44.8474



7.4364, -1.0648, -6.9962

Inverse Universe

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



34.9972, 62.9006, -0.4346



47.0519, 84.4741, 0.2010



65.9760, -12.9200, 40.4269



31.8886, 1.8537, 0.6175



28.7343, 51.6996, -0.7441



6.0866, 11.1572, -1.7541

Previews

White Background



This preview shows how the HunterLab color 37.5684, 3.9501, -55.4843 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 37.5684, 3.9501, -55.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

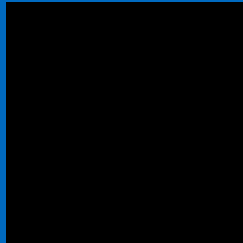
Any Text WCAG AA × Fail

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 37.5684, 3.9501, -55.4843 Background



This preview shows how black text looks on a background with the HunterLab color 37.5684, 3.9501, -55.4843.



This preview shows how white text looks on a background with the HunterLab color 37.5684, 3.9501, -55.4843.

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

37.5684, 3.9501, -55.4843

Protanopia

37.6701, 9.3172, -51.5075

Deuteranopia

37.6690, 2.5196, -52.5221



Tritanopia

37.3444, -18.1112, -7.5803

Trichromacy



Original Color

37.5684, 3.9501, -55.4843

Protanomaly

37.1830, 6.5095, -53.7421

Deuteranomaly

37.7268, 2.8291, -53.2624

Tritanomaly

37.0921, -10.9217, -22.7852

Monochromacy



Original Color

37.5684, 3.9501, -55.4843

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.3707, -4.4256, -16.1631

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5684, 3.9501, -55.4843 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5684, 3.9501, -55.4843 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, 192) }
```


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

```
.border{ border-color:rgb(0, 106, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5684, 3.9501, -55.4843 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, 192) }
```

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

```
.background{ background-color: rgb(0, 106,  
192) }
```

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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