

Converting Colors

HunterLab(40.3418, -2.6593,
-38.8554)

Have a look what the booklet for
HunterLab(40.3418, -2.6593,
-38.8554) contains.

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Color

**HunterLab(40.2469, -2.6504,
-38.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	2674B4
RGB	38, 116, 180
RGB Percent	15%, 45%, 71%
CMY	0.8509, 0.5451, 0.2941
CMYK	0.79, 0.36, 0.00, 0.29
HSL	207°, 65%, 43%
HSV	207°, 79%, 71%
XYZ	15.2829, 16.1981, 45.5011
YIQ	99.9740, -67.0320, 3.3680

Conversions

Conversions Part 2

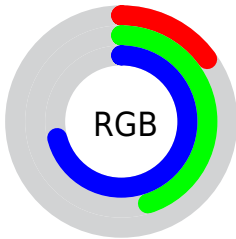
Format	Color
R_{YB}	38, 88, 180
Decimal	2520244
CIE _{Lab}	47.23, -0.67, -40.50
CIE _{LCh}	47, 40.508, 269.056
Yxy	16.1987, 0.1985, 0.2104
Android (android.graphics.Color)	4280710324 (0xFF2674B4)
YUV	99.9740, 39.4528, -54.3512
Hunter-Lab	40.2469, -2.6504, -38.8574

Details

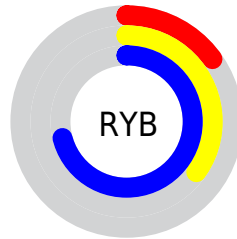
The HunterLab color **40.2469, -2.6504, -38.8574** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43.9867, 20.1122, 24.9835**, and the grayscale version is **35.5648, -1.8976, 1.9323**.

A 20% lighter version of the original color is **60.8807, -4.0146, -39.8392**, and **23.8045, 2.5679, -35.2968** is the 20% darker color. If you saturate the color by 10%, you get **37.6107, 0.0449, -44.8938**, and if you desaturate by 10%, it is **43.1050, -4.6556, -32.9141**.

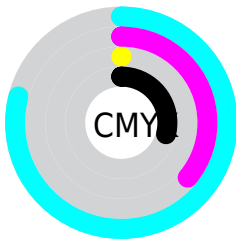
Distribution



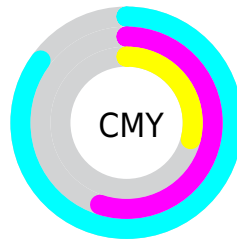
- Red (15%)
- Green (45%)
- Blue (71%)



- Red (15%)
- Yellow (35%)
- Blue (71%)



- Cyan (79%)
- Magenta (36%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2469, -2.6504, -38.8574 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 40.2469, -2.6504, -38.8574 by changing the saturation by 10% instead.

■ 40.2469, -2.6504,
-38.8574

■ 40.2469, -2.6504,
-38.8574

■ 151.8259, -8.8889,
-44.0772

■ 31.0883, -2.1192,
-38.3263

■ 60.7805, -3.8205,
-40.1729

■ 22.7537, -1.6284,
-38.0720

■ 72.0568, -4.4564,
-40.8431

■ 15.3351, -1.1809,
-38.4935

■ 83.9552, -5.1238,
-41.4877

■ 8.9490, -0.8028,
-40.8824

■ 96.4447, -5.8212,
-42.0954

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.4987, -6.5475,
-42.6603

0.0000, NaN, -NF

123.0937, -7.3015,

0.0000, NaN, NaN

-43.1796

0.0000, NaN, NaN

137.2089, -8.0823,
-43.6519

■ 40.2469, -2.6504,
-38.8574

■ 40.2469, -2.6504,
-38.8574

■ 37.6107, 0.0449,
-44.8938

■ 43.1050, -4.6556,
-32.9141

■ 35.1845, 3.3601,
-51.0247

■ 46.1692, -6.0028,
-27.1076

■ 34.9200, 3.7454,
-51.7321

■ 49.4239, -6.7435,
-21.4635

■ 52.8523, -6.9387,
-15.9942

■ 56.4387, -6.6500,
-10.7011

■ 60.1686, -5.9354,
-5.5782

■ 64.0291, -4.8472,
-0.6148

■ 68.0087, -3.4316,
4.2019

■ 72.0974, -1.7286,
8.8860

Harmonies

Analogous

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



40.2475, -16.6384, -31.4050



40.2469, -2.6504, -38.8574



40.2475, 13.7294, -32.2382

Triad

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



40.2475, -2.6498, -38.8565



40.2475, 28.0707, 13.8710



40.2475, -25.0745, 14.4187

Complementary

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



40.2469, -2.6504, -38.8574



43.9867, 20.1122, 24.9835

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.



40.2475, -15.8942, 20.1749



40.2469, -2.6504, -38.8574



40.2475, 14.7317, 19.9555

Square

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



40.2475, -2.6498, -38.8565



40.2475, 33.0386, 1.7109



40.2475, -1.6471, 21.7227



40.2475, -28.2910, 2.6648

Rectangle

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



40.2469, -2.6504, -38.8574



40.2475, 23.5252, -21.7841



40.2475, -1.6471, 21.7227



40.2475, -22.6613, 16.9237

Sweetspot

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



40.2475, -2.6498, -38.8565



78.2208, -8.5908, -11.2970



58.3203, -42.3318, 22.4409



35.5523, -4.1310, -6.3861



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



40.2475, -2.6498, -38.8565



48.1057, 3.4986, -66.7940



23.6492, 33.9462, -93.0892



29.9633, -2.2998, -0.3878



29.4048, 2.7083, -42.5999



6.2178, -1.1769, -5.2312

Inverse Universe

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



35.1444, 53.6314, -5.2808



44.2446, 78.1800, -1.6628



63.0021, -13.6482, 36.8561



29.2929, 1.6611, 0.5881



27.2268, 48.9798, -0.6472



4.9478, 9.1144, -1.7728

Previews

White Background



This preview shows how the HunterLab color 40.2469, -2.6504, -38.8574 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 40.2469, -2.6504, -38.8574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

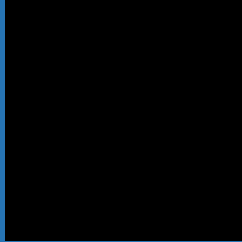
Any Text WCAG AA × Fail

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 40.2469, -2.6504, -38.8574 Background



This preview shows how black text looks on a background with the HunterLab color 40.2469, -2.6504, -38.8574.

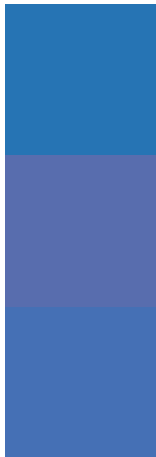


This preview shows how white text looks on a background with the HunterLab color 40.2469, -2.6504,

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

40.2469, -2.6504, -38.8574

Protanopia

40.0849, 6.1461, -34.4224

Deuteranopia

40.2365, 3.1791, -39.5681



Tritanopia

40.1357, -19.3534, -8.3877

Trichromacy



Original Color

40.2469, -2.6504, -38.8574

Protanomaly

40.0313, 1.9871, -36.1330

Deuteranomaly

40.0574, 1.1549, -40.0018

Tritanomaly

39.9626, -13.9962, -18.4293

Monochromacy



Original Color

40.2469, -2.6504, -38.8574

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.7026, -5.0076, -11.0221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2469, -2.6504, -38.8574 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(38, 116, 180)` looks like.

```
.text, #text, p{  
    color:rgb(38, 116, 180)  
}
```

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(38, 116, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 116, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2469, -2.6504, -38.8574 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(38, 116, 180) }
```


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

```
.border{ border-color:rgb(38, 116, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 116, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 116, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 116, 180); box-shadow:4px 4px 4px 4px rgb(38, 116, 180) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2469, -2.6504, -38.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 116, 180) }
```

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

```
.background{ background-color: rgb(38, 116,  
180) }
```

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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