

Converting Colors

HunterLab(40.2617, 8.8073,
-50.1975)

Have a look what the booklet for
HunterLab(40.2617, 8.8073,
-50.1975) contains.

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Color

**HunterLab(40.2617, 8.8073,
-50.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	486DC2
RGB	72, 109, 194
RGB Percent	28%, 43%, 76%
CMY	0.7176, 0.5725, 0.2392
CMYK	0.63, 0.44, 0.00, 0.24
HSL	222°, 50%, 52%
HSV	222°, 63%, 76%
XYZ	17.8787, 16.2100, 53.2255
YIQ	107.6270, -49.3370, 18.5910

Conversions

Conversions Part 2

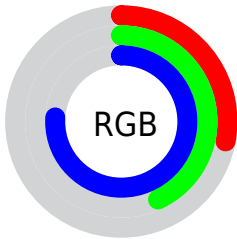
Format	Color
R_{YB}	72, 100, 194
Decimal	4746690
CIE _{Lab}	47.25, 13.86, -48.50
CIE _{LCh}	47, 50.441, 285.951
Yxy	16.2106, 0.2048, 0.1857
Android (android.graphics.Color)	4282936770 (0xFF486DC2)
YUV	107.6270, 42.5819, -31.2449
Hunter-Lab	40.2617, 8.8073, -50.1975

Details

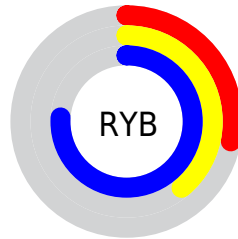
The HunterLab color **40.2617, 8.8073, -50.1975** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **60.0445, 0.3857, 30.9509**, and the grayscale version is **38.4402, -2.0511, 2.0885**.

A 20% lighter version of the original color is **60.7717, 9.2102, -51.4332**, and **23.1056, 9.4422, -49.2630** is the 20% darker color. If you saturate the color by 10%, you get **35.9350, 13.2189, -61.8366**, and if you desaturate by 10%, it is **44.9295, 5.2633, -39.5752**.

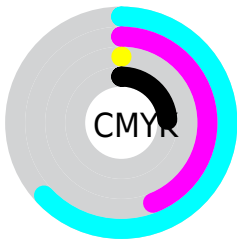
Distribution



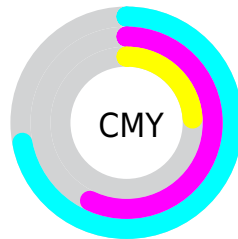
- Red (28%)
- Green (43%)
- Blue (76%)



- Red (28%)
- Yellow (39%)
- Blue (76%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (72%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2617, 8.8073, -50.1975 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 40.2617, 8.8073, -50.1975 by changing the saturation by 10% instead.

■ 40.2617, 8.8073,
-50.1975

■ 40.2617, 8.8073,
-50.1975

■ 151.8489, 8.4513,
-56.2291

■ 31.1019, 8.4883,
-49.8951

■ 60.7975, 9.1745,
-51.4336

■ 22.7659, 8.0568,
-50.1318

■ 72.0747, 9.2434,
-52.1633

■ 15.3459, 7.4893,
-51.5786

■ 83.9741, 9.2465,
-52.9042

■ 8.9586, 6.8131,
-56.3442

■ 96.4645, 9.1899,
-53.6331

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.5194, 9.0783,
-54.3367

0.0000, NaN, -NF

123.1152, 8.9158,

0.0000, NaN, NaN

-55.0067

0.0000, NaN, NaN

137.2312, 8.7058,
-55.6384

■ 40.2617, 8.8073,
-50.1975

■ 40.2617, 8.8073,
-50.1975

■ 35.9350, 13.2189,
-61.8366

■ 44.9295, 5.2633,
-39.5752

■ 32.0179, 18.5976,
-74.4586

■ 49.8801, 2.4535,
-29.8890

■ 28.5933, 24.9382,
-87.7774

■ 55.0702, 0.2519,
-21.0118

■ 26.4681, 29.8401,
-97.4990

■ 60.4656, -1.4505,
-12.8138

■ 66.0393, -2.7432,
-5.1779

■ 71.7704, -3.6981,
1.9959

■ 77.6418, -4.3724,
8.7905

■ 83.6398, -4.8117,
15.2738

■ 89.7532, -5.0526,
21.5010

Harmonies

Analogous

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



40.2623, -10.9472, -50.8450



40.2617, 8.8073, -50.1975



40.2623, 28.8853, -31.8142

Triad

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



40.2623, 8.8079, -50.1964



40.2623, 27.7473, 20.4517



40.2623, -32.7247, 10.0007

Complementary

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



40.2617, 8.8073, -50.1975



60.0445, 0.3857, 30.9509

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.



40.2623, -25.9384, 20.0683



40.2617, 8.8073, -50.1975



40.2623, 7.4730, 23.8287

Square

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



40.2623, 8.8079, -50.1964



40.2623, 41.1744, 10.8969



40.2623, -12.0492, 23.7338



40.2623, -32.5050, -9.0336

Rectangle

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



40.2617, 8.8073, -50.1975



40.2623, 38.6528, -15.4512



40.2623, -12.0492, 23.7338



40.2623, -31.2538, 14.2933

Sweetspot

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



40.2623, 8.8079, -50.1964



84.0485, -2.6336, -13.4864



65.0698, -37.3028, 11.0385



38.3162, -0.9752, -7.7413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2623, 8.8079, -50.1964



46.5594, 20.0381, -88.7129



33.0606, 32.3630, -70.5940



31.9921, -1.4644, -1.2260



21.7575, 23.3621, -77.6271



5.7348, 1.9705, -11.4217

Inverse Universe

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



41.4839, 44.9854, 5.6712



50.7109, 71.4634, 11.5262



69.1240, -24.4009, 36.9070



31.8230, 1.5012, 1.5520



27.8570, 48.4934, 11.8963



5.8978, 10.4737, 0.9156

Previews

White Background



This preview shows how the HunterLab color 40.2617, 8.8073, -50.1975 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 40.2617, 8.8073, -50.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

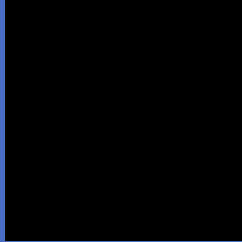
Any Text WCAG AA × Fail

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 40.2617, 8.8073, -50.1975 Background



This preview shows how black text looks on a background with the HunterLab color 40.2617, 8.8073, -50.1975.



This preview shows how white text looks on a background with the HunterLab color 40.2617, 8.8073, -50.1975.

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

40.2617, 8.8073, -50.1975

Protanopia

40.3098, 8.9614, -50.0755

Deuteranopia

40.3297, 3.3511, -49.2616



Tritanopia

40.3617, -16.8851, -8.0217

Trichromacy



Original Color

40.2617, 8.8073, -50.1975

Protanomaly

40.3098, 8.9614, -50.0755

Deuteranomaly

40.3477, 4.8246, -49.1917

Tritanomaly

40.0340, -8.7074, -21.4097

Monochromacy



Original Color

40.2617, 8.8073, -50.1975

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.7584, 0.0669, -13.4816

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2617, 8.8073, -50.1975 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(72, 109, 194)` looks like.

```
.text, #text, p{  
    color:rgb(72, 109, 194)  
}
```

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(72, 109, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 109, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2617, 8.8073, -50.1975 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(72, 109, 194) }
```


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

```
.border{ border-color:rgb(72, 109, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 109, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(72, 109, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(72, 109, 194); box-shadow:4px 4px 4px 4px rgb(72, 109, 194) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2617, 8.8073, -50.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 109, 194) }
```

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

```
.background{ background-color: rgb(72, 109,  
194) }
```

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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