

Converting Colors

HunterLab(40.7292, 3.2640,
-48.2894)

Have a look what the booklet for
HunterLab(40.7292, 3.2640,
-48.2894) contains.

HunterLab(40.7292, 3.2640, -48.2894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.7292, 3.2640,
-48.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	3372C1
RGB	51, 114, 193
RGB Percent	20%, 45%, 76%
CMY	0.8000, 0.5529, 0.2431
CMYK	0.74, 0.41, 0.00, 0.24
HSL	213°, 58%, 48%
HSV	213°, 74%, 76%
XYZ	17.0082, 16.5887, 52.7576
YIQ	104.1690, -62.9070, 11.2130

Conversions

Conversions Part 2

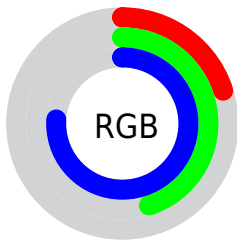
Format	Color
R_{YB}	51, 95, 193
Decimal	3371713
CIE Lab	47.74, 7.03, -47.19
CIE LCh	48, 47.714, 278.471
Yxy	16.5892, 0.1970, 0.1921
Android (android.graphics.Color)	4281561793 (0xFF3372C1)
YUV	104.1690, 43.7937, -46.6292
Hunter-Lab	40.7292, 3.2640, -48.2894

Details

The HunterLab color **40.7292, 3.2640, -48.2894** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **52.4827, 12.1414, 29.0127**, and the grayscale version is **37.1283, -1.9811, 2.0173**.

A 20% lighter version of the original color is **61.2023, 3.0854, -49.8499**, and **24.2454, 6.6571, -44.6755** is the 20% darker color. If you saturate the color by 10%, you get **37.2903, 6.9689, -57.1172**, and if you desaturate by 10%, it is **44.4580, 0.3891, -39.8826**.

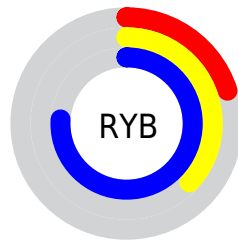
Distribution



Red (20%)

Green (45%)

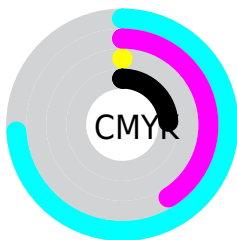
Blue (76%)



Red (20%)

Yellow (37%)

Blue (76%)

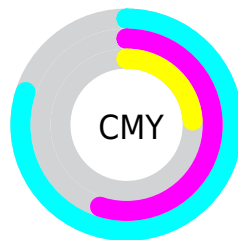


Cyan (74%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (80%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7292, 3.2640, -48.2894 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 40.7292, 3.2640, -48.2894 by changing the saturation by 10% instead.

■ 40.7292, 3.2640,
-48.2894

■ 40.7292, 3.2640,
-48.2894

■ 152.5758, 0.1749,
-54.2286

■ 31.5310, 3.3347,
-47.9218

■ 61.3336, 2.9219,
-49.5644

■ 23.1528, 3.3224,
-48.0263

■ 72.6420, 2.6640,
-50.2905

■ 15.6854, 3.2101,
-49.1950

■ 84.5709, 2.3557,
-51.0194

■ 9.2556, 2.9758,
-53.1815

■ 97.0896, 2.0008,
-51.7309

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 110.1714, 1.6027,
-52.4132

0.0000, NaN, -NF

123.7930, 1.1642,

0.0000, NaN, NaN

-53.0593

0.0000, NaN, NaN

137.9340, 0.6875,
-53.6651

■ 40.7292, 3.2640,
-48.2894

■ 40.7292, 3.2640,
-48.2894

■ 37.2903, 6.9689,
-57.1172

■ 44.4580, 0.3891,
-39.8826

■ 34.1716, 11.5330,
-66.2799

■ 48.4415, -1.7344,
-31.9323

■ 32.3195, 14.8162,
-72.3805

■ 52.6497, -3.1971,
-24.4291

■ 57.0559, -4.0892,
-17.3419

■ 61.6375, -4.4925,
-10.6288

■ 66.3753, -4.4781,
-4.2451

■ 71.2532, -4.1061,
1.8524

■ 76.2577, -3.4269,
7.7031

■ 81.3772, -2.4823,
13.3421

Harmonies

Analogous

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



40.7298, -14.5637, -44.2423



40.7292, 3.2640, -48.2894



40.7298, 22.7298, -34.7454

Triad

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



40.7298, 3.2647, -48.2884



40.7298, 30.0191, 18.2867



40.7298, -30.5474, 12.8894

Complementary

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



40.7292, 3.2640, -48.2894



52.4827, 12.1414, 29.0127

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.



40.7298, -22.2407, 20.9492



40.7292, 3.2640, -48.2894



40.7298, 11.8970, 22.9411

Square

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



40.7298, 3.2647, -48.2884



40.7298, 39.9025, 6.9462



40.7298, -7.3442, 23.6272



40.7298, -32.0191, -3.1574

Rectangle

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



40.7292, 3.2640, -48.2894



40.7298, 33.2798, -20.0672



40.7298, -7.3442, 23.6272



40.7298, -28.5449, 16.3684

Sweetspot

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



40.7298, 3.2647, -48.2884



83.2547, -6.0382, -13.1548



63.5862, -42.7651, 19.0332



37.7730, -2.7647, -7.2008



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.



40.7298, 3.2647, -48.2884



47.4260, 12.7356, -83.5180



26.6863, 37.3188, -94.9948



32.3528, -2.0631, -0.7812



26.6489, 11.4551, -58.0370



6.6638, 0.2136, -8.7902

Inverse Universe

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



38.6276, 53.5378, 0.3038



47.7285, 79.9802, 5.6348



69.8613, -20.3268, 40.0334



31.8598, 1.6989, 1.0278



28.2828, 50.0558, 5.7122



5.9956, 10.8290, -0.4774

Previews

White Background



This preview shows how the HunterLab color 40.7292, 3.2640, -48.2894 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 40.7292, 3.2640, -48.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

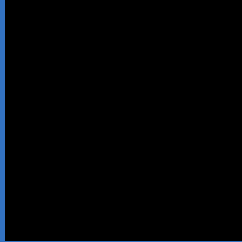
Any Text WCAG AA × Fail

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 40.7292, 3.2640, -48.2894 Background



This preview shows how black text looks on a background with the HunterLab color 40.7292, 3.2640, -48.2894.



This preview shows how white text looks on a background with the HunterLab color 40.7292, 3.2640, -48.2894.

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

40.7292, 3.2640, -48.2894

Protanopia

40.6057, 8.0038, -45.1359

Deuteranopia

40.7614, 3.3718, -48.2096



Tritanopia

40.5173, -19.3307, -8.9137

Trichromacy



Original Color

40.7292, 3.2640, -48.2894

Protanomaly

40.4374, 6.1878, -46.4015

Deuteranomaly

40.7614, 3.3718, -48.2096

Tritanomaly

40.2660, -12.3633, -21.7172

Monochromacy



Original Color

40.7292, 3.2640, -48.2894

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.9921, -2.8104, -12.9887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7292, 3.2640, -48.2894 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(51, 114, 193)` looks like.

```
.text, #text, p{  
    color:rgb(51, 114, 193)  
}
```

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(51, 114, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 114, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7292, 3.2640, -48.2894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

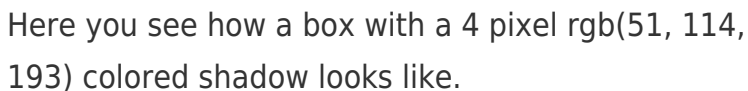
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 114, 193) }
```


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

```
.border{ border-color:rgb(51, 114, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(51, 114, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 114, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 114, 193); box-shadow:4px 4px 4px 4px rgb(51, 114, 193) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7292, 3.2640, -48.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 114, 193) }
```

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

```
.background{ background-color: rgb(51, 114,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor