

Converting Colors

HunterLab(39.0148, 12.3847,
-52.7370)

Have a look what the booklet for
HunterLab(39.0148, 12.3847,
-52.7370) contains.

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Color

**HunterLab(38.8954, 12.4119,
-52.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	4D67C1
RGB	77, 103, 193
RGB Percent	30%, 40%, 76%
CMY	0.6980, 0.5961, 0.2431
CMYK	0.60, 0.47, 0.00, 0.24
HSL	227°, 48%, 53%
HSV	227°, 60%, 76%
XYZ	17.5365, 15.1285, 52.4479
YIQ	105.4860, -44.3860, 22.4780

Conversions

Conversions Part 2

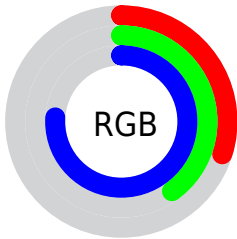
Format	Color
R_{YB}	77, 98, 193
Decimal	5072833
CIE _{Lab}	45.81, 18.23, -50.21
CIE _{LCh}	46, 53.414, 289.950
Yxy	15.1290, 0.2060, 0.1777
Android (android.graphics.Color)	4283262913 (0xFF4D67C1)
YUV	105.4860, 43.1444, -24.9822
Hunter-Lab	38.8954, 12.4119, -52.7219

Details

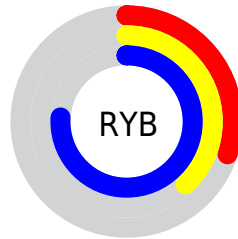
The HunterLab color **38.8954, 12.4119, -52.7219** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **62.8593, -4.5043, 32.0312**, and the grayscale version is **37.6238, -2.0075, 2.0442**.

A 20% lighter version of the original color is **59.2994, 13.0275, -53.6600**, and **21.8868, 11.6374, -52.4784** is the 20% darker color. If you saturate the color by 10%, you get **34.2415, 17.4665, -65.9545**, and if you desaturate by 10%, it is **43.9373, 8.2515, -40.8632**.

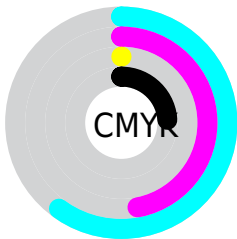
Distribution



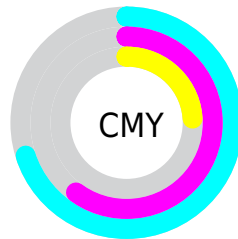
- Red (30%)
- Green (40%)
- Blue (76%)



- Red (30%)
- Yellow (38%)
- Blue (76%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.8954, 12.4119, -52.7219 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 38.8954, 12.4119, -52.7219 by changing the saturation by 10% instead.

■ 38.8954, 12.4119, -52.7219

■ 38.8954, 12.4119, -52.7219

■ 149.7150, 13.8238, -58.8231

■ 29.8496, 11.8438, -52.5541

■ 59.2278, 13.2359, -53.8659

■ 21.6391, 11.1466, -53.0627

■ 70.4126, 13.5159, -54.5923

■ 14.3604, 10.2968, -55.1001

■ 82.2245, 13.7207, -55.3446

■ 8.0203, 9.8904, -62.5165

■ 94.6316, 13.8572, -56.0946

0.0000, INF, -NF

0.0000, NaN, -NF

■ 107.6067, 13.9314, -56.8259

0.0000, NaN, -NF

■ 121.1260, 13.9479,

0.0000, NaN, NaN

-57.5281

0.0000, NaN, NaN

135.1684, 13.9109,
-58.1950

■ 38.8954, 12.4119,
-52.7219

■ 38.8954, 12.4119,
-52.7219

■ 34.2415, 17.4665,
-65.9545

■ 43.9373, 8.2515,
-40.8632

■ 30.0698, 23.5153,
-80.5387

■ 49.2929, 4.8351,
-30.2260

■ 26.5021, 30.4930,
-96.0068

■ 54.9089, 2.0215,
-20.6080

■ 23.6568, 37.8182,
-111.2075

■ 60.7450, -0.3089,
-11.8186

■ 66.7709, -2.2516,
-3.6954

■ 72.9630, -3.8815,
3.8936

■ 79.3029, -5.2567,
11.0538

■ 85.7760, -6.4227,
17.8687

■ 92.3704, -7.4152,
24.4044

Harmonies

Analogous

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



38.8960, -8.7643, -56.4265



38.8954, 12.4119, -52.7219



38.8960, 33.2064, -30.8551

Triad

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



38.8960, 12.4125, -52.7208



38.8960, 26.8980, 21.3485



38.8960, -33.9517, 8.1465

Complementary

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



38.8954, 12.4119, -52.7219



62.8593, -4.5043, 32.0312

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.



38.8960, -28.0358, 19.4189



38.8954, 12.4119, -52.7219



38.8960, 5.0940, 23.9650

Square

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



38.8960, 12.4125, -52.7208



38.8960, 42.7041, 12.9223



38.8960, -14.7147, 23.5130



38.8960, -32.7970, -13.0941

Rectangle

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



38.8954, 12.4119, -52.7219



38.8960, 42.6707, -13.1790



38.8960, -14.7147, 23.5130



38.8960, -32.7814, 12.9647

Sweetspot

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



38.8960, 12.4125, -52.7208



82.7427, -0.9215, -13.7789



65.1683, -34.5893, 6.7569



37.2435, -0.0430, -7.9121



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.



38.8960, 12.4125, -52.7208



44.0596, 25.6829, -93.9970



35.1328, 32.2914, -62.9293



31.7899, -1.1258, -1.4777



19.5519, 29.9935, -89.1855



5.2146, 3.1036, -13.2176

Inverse Universe

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



41.9826, 41.7317, 8.4778



50.8080, 67.0993, 15.1695



68.0916, -26.5593, 35.3782



31.8026, 1.3911, 1.8439



27.6914, 47.8824, 14.3275



5.8489, 10.2947, 1.6217

Previews

White Background



This preview shows how the HunterLab color 38.8954, 12.4119, -52.7219 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 38.8954, 12.4119, -52.7219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

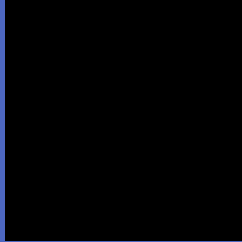
Any Text WCAG AA × Fail

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 38.8954, 12.4119, -52.7219 Background



This preview shows how black text looks on a background with the HunterLab color 38.8954, 12.4119, -52.7219.



This preview shows how white text looks on a background with the HunterLab color 38.8954, 12.4119, -52.7219.

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

38.8954, 12.4119, -52.7219

Protanopia

38.9015, 10.0016, -54.5432

Deuteranopia

39.0135, 2.9899, -50.8156



Tritanopia

38.8841, -15.0398, -7.4425

Trichromacy



Original Color

38.8954, 12.4119, -52.7219

Protanomaly

38.8083, 10.9312, -53.8706

Deuteranomaly

38.6646, 6.1615, -52.5387

Tritanomaly

38.6999, -6.2987, -21.7742

Monochromacy



Original Color

38.8954, 12.4119, -52.7219

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.6027, 1.5312, -14.1193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.8954, 12.4119, -52.7219 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(77, 103, 193)` looks like.

```
.text, #text, p{  
    color:rgb(77, 103, 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(77, 103, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 103, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 38.8954, 12.4119, -52.7219 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(77, 103, 193) }
```


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

```
.border{ border-color:rgb(77, 103, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 103, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 103, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 103, 193);  
box-shadow:4px 4px 4px 4px rgb(77, 103,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.8954, 12.4119, -52.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 103, 193) }
```

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

```
.background{ background-color: rgb(77, 103,  
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](#).

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