

Converting Colors

HunterLab(45.6713, 0.5791,
-37.9528)

Have a look what the booklet for
HunterLab(45.6713, 0.5791,
-37.9528) contains.

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Color

**HunterLab(45.8210, 0.3789,
-37.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	4F80C2
RGB	79, 128, 194
RGB Percent	31%, 50%, 76%
CMY	0.6902, 0.4980, 0.2392
CMYK	0.59, 0.34, 0.00, 0.24
HSL	214°, 49%, 54%
HSV	214°, 59%, 76%
XYZ	20.6812, 20.9956, 54.0015
YIQ	120.8730, -50.3900, 10.1380

Conversions

Conversions Part 2

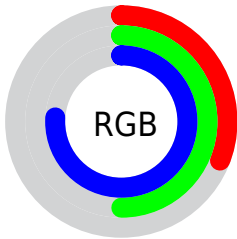
Format	Color
R_{YB}	79, 113, 194
Decimal	5210306
CIE _{Lab}	52.95, 3.56, -39.44
CIE _{LCh}	53, 39.600, 275.156
Y _{xy}	20.9964, 0.2162, 0.2194
Android (android.graphics.Color)	4283400386 (0xFF4F80C2)
YUV	120.8730, 36.0516, -36.7226
Hunter-Lab	45.8210, 0.3789, -37.8004

Details

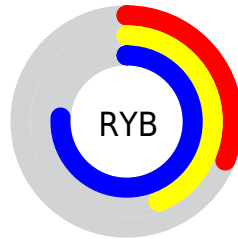
The HunterLab color **45.8210, 0.3789, -37.8004** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **56.8211, 6.6997, 27.4104**, and the grayscale version is **43.5568, -2.3241, 2.3665**.

A 20% lighter version of the original color is **67.3284, -0.5019, -38.8917**, and **27.3595, 1.2459, -36.8865** is the 20% darker color. If you saturate the color by 10%, you get **41.8750, 3.1200, -46.4077**, and if you desaturate by 10%, it is **50.0190, -1.6327, -29.7066**.

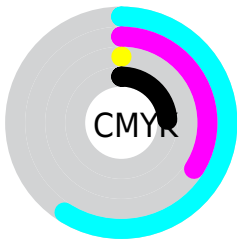
Distribution



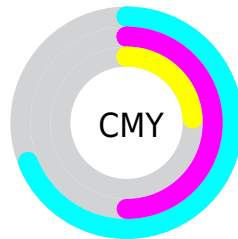
- Red (31%)
- Green (50%)
- Blue (76%)



- Red (31%)
- Yellow (44%)
- Blue (76%)



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.8210, 0.3789, -37.8004 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 45.8210, 0.3789, -37.8004 by changing the saturation by 10% instead.

■ 45.8210, 0.3789,
-37.8004

■ 45.8210, 0.3789,
-37.8004

160.3930, -4.3039,
-42.7182

■ 36.2234, 0.6841,
-37.1854

■ 67.1427, -0.3843,
-39.1265

■ 27.4083, 0.9293,
-36.7174

■ 78.7784, -0.8337,
-39.7680

■ 19.4536, 1.1050,
-36.6136

■ 91.0179, -1.3237,
-40.3735

■ 12.4648, 1.1961,
-37.4485

■ 103.8329, -1.8517,
-40.9364

■ 5.7104, 2.4108,
-48.9787

117.1986, -2.4155,
-41.4531

0.0000, NaN, -NF

0.0000, NaN, -NF

131.0931, -3.0132,

-41.9224

0.0000, NaN, NaN

145.4970, -3.6432,
-42.3440

0.0000, NaN, NaN

■ 45.8210, 0.3789,
-37.8004

■ 45.8210, 0.3789,
-37.8004

■ 41.8750, 3.1200,
-46.4077

■ 50.0190, -1.6327,
-29.7066

■ 38.2145, 6.6806,
-55.5234

■ 54.4354, -3.0134,
-22.1010

■ 34.8779, 11.1202,
-65.0770

■ 59.0443, -3.8544,
-14.9364

■ 31.8778, 16.3588,
-74.9994

■ 63.8234, -4.2360,
-8.1605

■ 31.6691, 16.7522,
-75.7468

■ 68.7541, -4.2269,
-1.7218

■ 73.8210, -3.8841,
4.4274

■ 79.0110, -3.2552,
10.3292

■ 84.3134, -2.3793,
16.0205

■ 89.7187, -1.2889,
21.5326

Harmonies

Analogous

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



45.8218, -14.7873, -33.2609



45.8210, 0.3789, -37.8004



45.8218, 16.8557, -28.8576

Triad

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



45.8218, 0.3792, -37.7993



45.8218, 25.8302, 16.4605



45.8218, -27.3765, 13.2578

Complementary

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



45.8210, 0.3789, -37.8004



56.8211, 6.6997, 27.4104

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.



45.8218, -19.0044, 20.6793



45.8210, 0.3789, -37.8004



45.8218, 11.3545, 22.0289

Square

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



45.8218, 0.3792, -37.7993



45.8218, 32.7943, 5.0724



45.8218, -5.2071, 23.2494



45.8218, -29.4735, -0.2431

Rectangle

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



45.8210, 0.3789, -37.8004



45.8218, 25.9498, -17.8156



45.8218, -5.2071, 23.2494



45.8218, -25.2657, 16.3741

Sweetspot

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



45.8218, 0.3792, -37.7993



86.5550, -5.7226, -10.1070



65.0117, -38.0894, 15.2677



39.5981, -2.6414, -5.9662

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.8218, 0.3792, -37.7993



54.9182, 5.4485, -65.8952



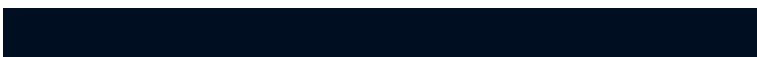
33.9093, 27.1683, -67.8713



32.3075, -1.9883, -0.8367



25.9798, 12.9124, -60.3467



6.5427, 0.4270, -9.0997

Inverse Universe

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



43.1518, 44.2008, -0.6966



52.6885, 71.0060, 1.4399



70.4482, -19.3122, 36.8453



31.8552, 1.6740, 1.0938



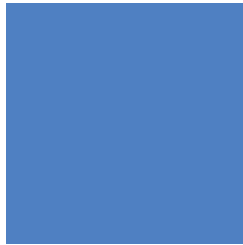
28.2199, 49.8257, 6.6200



5.9821, 10.7802, -0.2868

Previews

White Background



This preview shows how the HunterLab color 45.8210, 0.3789, -37.8004 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.8210, 0.3789, -37.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

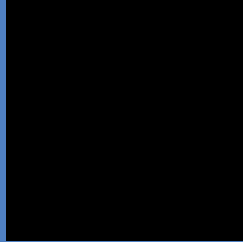
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.8210, 0.3789, -37.8004 Background



This preview shows how black text looks on a background with the HunterLab color 45.8210, 0.3789, -37.8004.

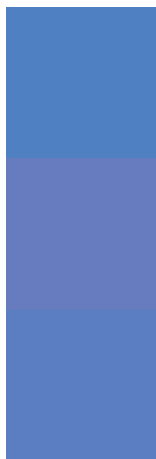


This preview shows how white text looks on a background with the HunterLab color 45.8210, 0.3789, -37.8004.

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

45.8210, 0.3789, -37.8004

Protanopia

45.8438, 5.8052, -34.6532

Deuteranopia

45.9195, 3.7047, -38.3027



Tritanopia

45.7813, -17.3648, -8.3778

Trichromacy



Original Color

45.8210, 0.3789, -37.8004

Protanomaly

45.6163, 3.7299, -35.8913

Deuteranomaly

45.9838, 2.4831, -38.1912

Tritanomaly

45.7439, -11.5167, -18.1531

Monochromacy



Original Color

45.8210, 0.3789, -37.8004

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.2918, -2.9667, -10.2638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.8210, 0.3789, -37.8004 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(79, 128, 194)` looks like.

```
.text, #text, p{  
    color:rgb(79, 128, 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(79, 128, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 128, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 45.8210, 0.3789, -37.8004 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(79, 128, 194) }
```


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

```
.border{ border-color:rgb(79, 128, 194) }
```

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

Here you see how a box with a 4 pixel rgb(79, 128, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 128, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 128, 194);  
box-shadow:4px 4px 4px 4px rgb(79, 128,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.8210, 0.3789, -37.8004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 128, 194) }
```

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

```
.background{ background-color: rgb(79, 128,  
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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