

Converting Colors

HunterLab(45.5304, -3.5916,
-38.4705)

Have a look what the booklet for
HunterLab(45.5304, -3.5916,
-38.4705) contains.

HunterLab(45.5304, -3.5916, -38.4705)	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(45.5304, -3.5916,
-38.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	3982C2
RGB	57, 130, 194
RGB Percent	22%, 51%, 76%
CMY	0.7764, 0.4902, 0.2392
CMYK	0.71, 0.33, 0.00, 0.24
HSL	208°, 55%, 49%
HSV	208°, 71%, 76%
XYZ	19.4076, 20.7302, 54.0174
YIQ	115.4690, -64.0520, 4.4280

Conversions

Conversions Part 2

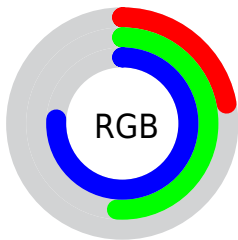
Format	Color
R_{YB}	57, 105, 194
Decimal	3769026
CIE _{Lab}	52.65, -1.49, -39.96
CIE _{LCh}	53, 39.987, 267.868
Yxy	20.7309, 0.2061, 0.2202
Android (android.graphics.Color)	4281959106 (0xFF3982C2)
YUV	115.4690, 38.7158, -51.2773
Hunter-Lab	45.5304, -3.5916, -38.4705

Details

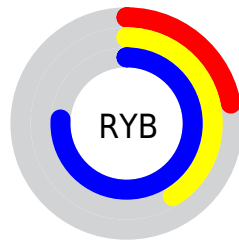
The HunterLab color $45.5304, -3.5916, -38.4705$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as dark muted azure. A complement of this color would be $50.4397, 17.2791, 26.8317$, and the grayscale version is $41.4608, -2.2122, 2.2526$.

A 20% lighter version of the original color is $66.9515, -4.9439, -39.6541$, and $27.8896, 0.3217, -35.5540$ is the 20% darker color. If you saturate the color by 10%, you get $42.3787, -1.0733, -45.3121$, and if you desaturate by 10%, it is $48.9207, -5.3649, -31.8069$.

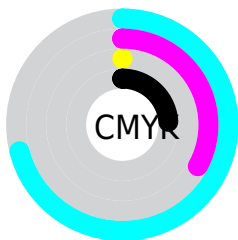
Distribution



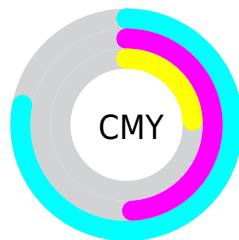
- Red (22%)
- Green (51%)
- Blue (76%)



- Red (22%)
- Yellow (41%)
- Blue (76%)



- Cyan (71%)
- Magenta (33%)
- Yellow (0%)
- Black (24%)



- Cyan (78%)
- Magenta (49%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5304, -3.5916, -38.4705 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 45.5304, -3.5916, -38.4705 by changing the saturation by 10% instead.

■ 45.5304, -3.5916,
-38.4705

■ 45.5304, -3.5916,
-38.4705

159.9515,
-10.3105, -43.4783

■ 35.9547, -2.9910,
-37.8616

■ 66.8126, -4.8874,
-39.8042

■ 27.1635, -2.4247,
-37.4137

■ 78.4301, -5.5808,
-40.4544

■ 19.2353, -1.8938,
-37.3586

■ 90.6525, -6.3029,
-41.0704

■ 12.2768, -1.3994,
-38.3118

■ 103.4510, -7.0527,
-41.6449

■ 5.4201, -1.4856,
-52.0550

■ 116.8009, -7.8291,
-42.1740

0.0000, NaN, -NF

0.0000, NaN, -NF

130.6803, -8.6314,

-42.6561

0.0000, NaN, NaN

145.0696, -9.4588,
-43.0907

0.0000, NaN, NaN

■ 45.5304, -3.5916,
-38.4705

■ 45.5304, -3.5916,
-38.4705

■ 42.3787, -1.0733,
-45.3121

■ 48.9207, -5.3649,
-31.8069

■ 39.4797, 2.2181,
-52.2840

■ 52.5276, -6.4533,
-25.3559

■ 36.9717, 5.9078,
-58.9646

■ 56.3319, -6.9262,
-19.1294

■ 60.3147, -6.8549,
-13.1266

■ 64.4591, -6.3064,
-7.3374

■ 68.7499, -5.3409,
-1.7466

■ 73.1738, -4.0115,
3.6638

■ 77.7192, -2.3638,
8.9122

■ 82.3760, -0.4368,
14.0166

Harmonies

Analogous

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



45.5312, -17.9189, -30.6517



45.5304, -3.5916, -38.4705



45.5312, 13.1495, -32.5028

Triad

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



45.5312, -3.5911, -38.4695



45.5312, 28.6896, 14.3196



45.5312, -26.0310, 15.6460

Complementary

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



45.5304, -3.5916, -38.4705



50.4397, 17.2791, 26.8317

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.



45.5312, -16.1642, 21.7309



45.5304, -3.5916, -38.4705



45.5312, 15.4492, 21.1759

Square

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



45.5312, -3.5911, -38.4695



45.5312, 33.2767, 1.3561



45.5312, -1.2609, 23.3281



45.5312, -29.6893, 3.5728

Rectangle

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



45.5304, -3.5916, -38.4705



45.5312, 23.1958, -22.3759



45.5312, -1.2609, 23.3281



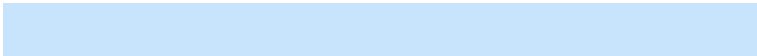
45.5312, -23.4052, 18.2753

Sweetspot

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



45.5312, -3.5911, -38.4695



86.3546, -8.5611, -10.4272



63.9007, -43.5913, 21.8466



39.6674, -4.1263, -5.8965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.5312, -3.5911, -38.4695



54.7619, 0.9682, -66.3549



28.5734, 31.9900, -87.7400



32.5832, -2.4423, -0.4996



30.2531, 4.2774, -47.0475



7.2967, -0.8434, -7.2997

Inverse Universe

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



40.0104, 53.7451, -5.7014



49.4277, 82.0824, -3.8432



69.5322, -15.7137, 39.2686



31.8835, 1.8262, 0.6904



28.6464, 51.3807, 0.5044



6.0695, 11.0957, -1.5158

Previews

White Background



This preview shows how the HunterLab color 45.5304, -3.5916, -38.4705 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 45.5304, -3.5916, -38.4705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

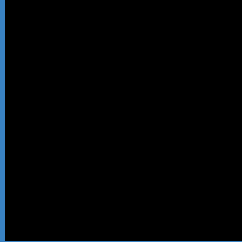
Any Text WCAG AA ✓ Pass

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 45.5304, -3.5916, -38.4705 Background



This preview shows how black text looks on a background with the HunterLab color 45.5304, -3.5916, -38.4705.

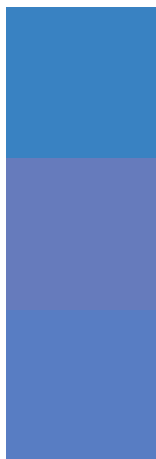


This preview shows how white text looks on a background with the HunterLab color 45.5304, -3.5916, -38.4705.

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

45.5304, -3.5916, -38.4705

Protanopia

45.4109, 5.5909, -34.0381

Deuteranopia

45.4775, 3.6577, -39.2237



Tritanopia

45.5921, -21.1811, -9.8004

Trichromacy



Original Color

45.5304, -3.5916, -38.4705

Protanomaly

45.4069, 1.4910, -35.6042

Deuteranomaly

45.4936, 0.8217, -39.2397

Tritanomaly

45.4627, -15.6288, -19.3086

Monochromacy



Original Color

45.5304, -3.5916, -38.4705

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

42.2211, -4.6932, -11.1182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5304, -3.5916, -38.4705 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(57, 130, 194)` looks like.

```
.text, #text, p{  
    color:rgb(57, 130, 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(57, 130, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 130, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5304, -3.5916, -38.4705 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(57, 130, 194) }
```


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

```
.border{ border-color:rgb(57, 130, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 130, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 130, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 130, 194);  
box-shadow:4px 4px 4px 4px rgb(57, 130,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5304, -3.5916, -38.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 130, 194) }
```

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

```
.background{ background-color: rgb(57, 130,  
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](#).

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