

Converting Colors

HunterLab(45.1569, -3.4978,
-38.4783)

Have a look what the booklet for
HunterLab(45.1569, -3.4978,
-38.4783) contains.

HunterLab(45.1570, -3.4979, -38.4781)	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(45.1570, -3.4979,
-38.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	3881C1
RGB	56, 129, 193
RGB Percent	22%, 51%, 76%
CMY	0.7804, 0.4941, 0.2431
CMYK	0.71, 0.33, 0.00, 0.24
HSL	208°, 55%, 49%
HSV	208°, 71%, 76%
XYZ	19.1068, 20.3915, 53.3811
YIQ	114.4690, -64.0520, 4.4280

Conversions

Conversions Part 2

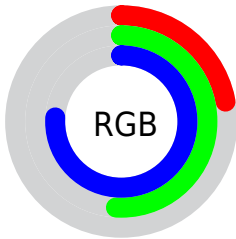
Format	Color
R_{YB}	56, 104, 193
Decimal	3703233
CIE _{Lab}	52.28, -1.40, -39.98
CIE _{LCh}	52, 40.007, 268.000
Yxy	20.3922, 0.2057, 0.2196
Android (android.graphics.Color)	4281893313 (0xFF3881C1)
YUV	114.4690, 38.7158, -51.2773
Hunter-Lab	45.1570, -3.4979, -38.4781

Details

The HunterLab color **45.1570, -3.4979, -38.4781** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **50.0581, 17.3203, 26.7160**, and the grayscale version is **41.0759, -2.1917, 2.2317**.

A 20% lighter version of the original color is **66.5432, -4.8840, -39.6662**, and **27.5706, 0.4953, -35.5302** is the 20% darker color. If you saturate the color by 10%, you get **42.0328, -0.9691, -45.2831**, and if you desaturate by 10%, it is **48.5189, -5.2849, -31.8484**.

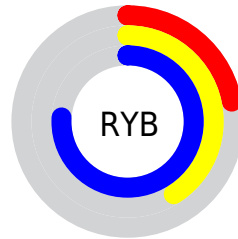
Distribution



Red (22%)

Green (51%)

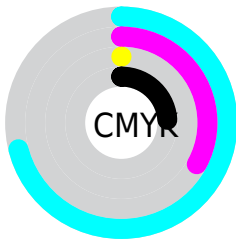
Blue (76%)



Red (22%)

Yellow (41%)

Blue (76%)

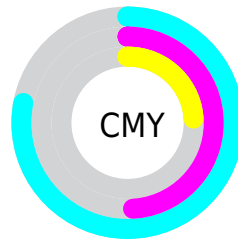


Cyan (71%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (78%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1570, -3.4979, -38.4781 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 45.1570, -3.4979, -38.4781 by changing the saturation by 10% instead.

45.1570, -3.4979,
-38.4781

45.1570, -3.4979,
-38.4781

159.3834,
-10.1700, -43.5001

35.6097, -2.9040,
-37.8731

66.3881, -4.7815,
-39.8115

26.8494, -2.3450,
-37.4351

77.9823, -5.4693,
-40.4631

18.9554, -1.8222,
-37.4044

90.1825, -6.1861,
-41.0810

12.0360, -1.3367,
-38.4231

102.9598, -6.9308,
-41.6576

5.0216, -1.4800,
-55.2146

116.2894, -7.7023,
-42.1889

0.0000, NaN, -NF

0.0000, NaN, -NF

130.1493, -8.4999,

-42.6733

0.0000, NaN, NaN

144.5198, -9.3227,
-43.1103

0.0000, NaN, NaN

■ 45.1570, -3.4979,
-38.4781

■ 45.1570, -3.4979,
-38.4781

■ 42.0328, -0.9691,
-45.2831

■ 48.5189, -5.2849,
-31.8484

■ 39.1603, 2.3279,
-52.2158

■ 52.0966, -6.3891,
-25.4292

■ 36.7670, 5.8579,
-58.6011

■ 55.8710, -6.8793,
-19.2329

■ 59.8236, -6.8263,
-13.2591

■ 63.9372, -6.2970,
-7.4980

■ 68.1968, -5.3515,
-1.9344

■ 72.5890, -4.0425,
3.4491

■ 77.1024, -2.4158,
8.6710

■ 81.7269, -0.5102,
13.7492

Harmonies

Analogous

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



45.1578, -17.8052, -30.7101



45.1570, -3.4979, -38.4781



45.1578, 13.2124, -32.4478

Triad

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



45.1578, -3.4974, -38.4771



45.1578, 28.6194, 14.3038



45.1578, -25.9716, 15.5423

Complementary

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



45.1570, -3.4979, -38.4781



50.0581, 17.3203, 26.7160

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.



45.1578, -16.1640, 21.6142



45.1570, -3.4979, -38.4781



45.1578, 15.3669, 21.0972

Square

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



45.1578, -3.4974, -38.4771



45.1578, 33.2481, 1.4082



45.1578, -1.3161, 23.2156



45.1578, -29.5875, 3.4833

Rectangle

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



45.1570, -3.4979, -38.4781



45.1578, 23.2319, -22.2957



45.1578, -1.3161, 23.2156



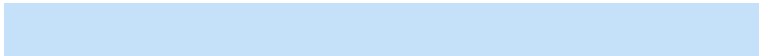
45.1578, -23.3645, 18.1664

Sweetspot

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



45.1578, -3.4974, -38.4771



85.3703, -8.4617, -10.2989



63.5105, -43.4428, 21.8042



38.8238, -4.0354, -5.7520



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.



45.1578, -3.4974, -38.4771



54.1513, 0.9366, -65.5508



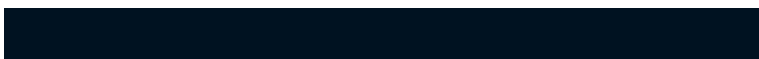
28.2553, 32.0683, -87.8957



32.5832, -2.4423, -0.4996



30.2530, 4.2776, -47.0477



7.2967, -0.8433, -7.2997

Inverse Universe

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



39.6886, 53.6408, -5.6321



48.8698, 81.1226, -3.8146



69.1198, -15.6395, 39.1072



31.8835, 1.8262, 0.6904



28.6464, 51.3807, 0.5045



6.0695, 11.0957, -1.5158

Previews

White Background



This preview shows how the HunterLab color 45.1570, -3.4979, -38.4781 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 45.1570, -3.4979, -38.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

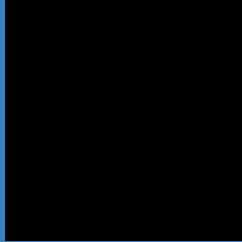
Any Text WCAG AA ✓ Pass

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 45.1570, -3.4979, -38.4781 Background



This preview shows how black text looks on a background with the HunterLab color 45.1570, -3.4979, -38.4781.



This preview shows how white text looks on a background with the HunterLab color 45.1570, -3.4979, -38.4781.

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

45.1570, -3.4979, -38.4781

Protanopia

45.0262, 5.6290, -34.0636

Deuteranopia

45.0431, 3.5351, -39.3651



Tritanopia

45.1941, -21.1686, -9.8244

Trichromacy



Original Color

45.1570, -3.4979, -38.4781

Protanomaly

45.0252, 1.5465, -35.6257

Deuteranomaly

45.0695, 0.7358, -39.3584

Tritanomaly

45.0460, -15.6887, -19.3710

Monochromacy



Original Color

45.1570, -3.4979, -38.4781

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.8378, -4.6582, -11.1280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1570, -3.4979, -38.4781 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(56, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(56, 129, 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(56, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 129, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1570, -3.4979, -38.4781 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(56, 129, 193) }
```


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

```
.border{ border-color:rgb(56, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 129, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 129, 193);  
box-shadow:4px 4px 4px 4px rgb(56, 129,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1570, -3.4979, -38.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 129, 193) }
```

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

```
.background{ background-color: rgb(56, 129,  
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