

Converting Colors

HunterLab(42.3768, -8.7322,
-9.8455)

Have a look what the booklet for
HunterLab(42.3768, -8.7322,
-9.8455) contains.

HunterLab(42.3768, -8.7322, -9.8455)	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(42.3768, -8.7322,
-9.8455)**

Conversions

Conversions Part 1

Format	Color
Hex	537B8E
RGB	83, 123, 142
RGB Percent	33%, 48%, 56%
CMY	0.6745, 0.5176, 0.4431
CMYK	0.42, 0.13, 0.00, 0.44
HSL	199°, 26%, 44%
HSV	199°, 42%, 56%
XYZ	15.5327, 17.9579, 28.2388
YIQ	113.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

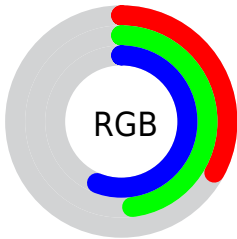
Format	Color
R _Y B	83, 107, 142
Decimal	5471118
CIE Lab	49.45, -8.73, -14.71
CIE LCh	49, 17.101, 239.312
Yxy	17.9586, 0.2516, 0.2909
Android (android.graphics.Color)	4283661198 (0xFF537B8E)
YUV	113.2060, 14.1954, -26.4907
Hunter-Lab	42.3768, -8.7322, -9.8455

Details

The HunterLab color $42.3768, -8.7322, -9.8455$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $39.8478, 8.5170, 12.5258$, and the grayscale version is $40.6719, -2.1701, 2.2098$.

A 20% lighter version of the original color is $63.0844, -10.5559, -10.3959$, and $24.4486, -6.4536, -9.6024$ is the 20% darker color. If you saturate the color by 10%, you get $40.3352, -9.2860, -12.9260$, and if you desaturate by 10%, it is $44.5345, -7.8021, -6.7653$.

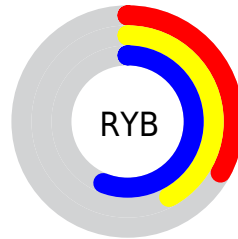
Distribution



Red (33%)

Green (48%)

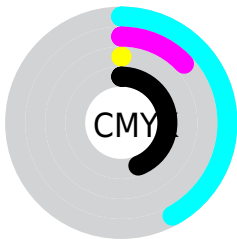
Blue (56%)



Red (33%)

Yellow (42%)

Blue (56%)

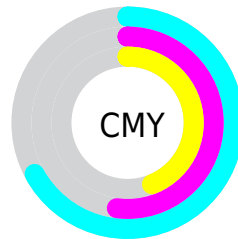


Cyan (42%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3768, -8.7322, -9.8455 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 42.3768, -8.7322, -9.8455 by changing the saturation by 10% instead.

■ 42.3768, -8.7322,
-9.8455

■ 42.3768, -8.7322,
-9.8455

155.1250,
-18.4368, -8.9627

■ 33.0459, -7.6859,
-9.6392

■ 63.2193, -10.8226,
-10.0419

■ 24.5219, -6.6267,
-9.3566

■ 74.6361, -11.8757,
-10.0440

■ 16.8912, -5.5382,
-8.9991

■ 86.6677, -12.9382,
-9.9881

■ 10.2740, -4.4128,
-8.5963

■ 99.2843, -14.0117,
-9.8782

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 112.4599,
-15.0975, -9.7178

0.0000, NaN, NaN

126.1716,

0.0000, NaN, NaN

-16.1966, -9.5100

0.0000, NaN, NaN

140.3994,
-17.3095, -9.2575

■ 42.3768, -8.7322,
-9.8455

■ 42.3768, -8.7322,
-9.8455

■ 40.3352, -9.2860,
-12.9260

■ 44.5345, -7.8021,
-6.7653

■ 38.4141, -9.4305,
-15.9936

■ 46.7989, -6.5287,
-3.6992

■ 36.6200, -9.1392,
-19.0291

■ 49.1635, -4.9460,
-0.6551

■ 34.9568, -8.3958,
-22.0124

■ 51.6214, -3.0859,
2.3616

■ 33.4248, -7.2010,
-24.9249

■ 54.1662, -0.9777,
5.3475

■ 32.2006, -5.9594,
-27.3833

■ 56.7918, 1.3518,
8.3013

■ 59.4926, 3.8790,
11.2226

■ 62.2635, 6.5830,
14.1124

■ 65.0999, 9.4455,
16.9720

Harmonies

Analogous

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



42.3776, -13.0731, -4.2458



42.3768, -8.7322, -9.8455



42.3776, -2.4203, -12.1112

Triad

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



42.3776, -8.7325, -9.8448



42.3776, 11.6201, 2.1571



42.3776, -8.4768, 11.7827

Complementary

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



42.3768, -8.7322, -9.8455



39.8478, 8.5170, 12.5258

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.



42.3776, -2.1063, 12.9548



42.3768, -8.7322, -9.8455



42.3776, 9.7516, 7.9556

Square

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



42.3776, -8.7325, -9.8448



42.3776, 9.5777, -4.5452



42.3776, 4.6186, 11.6699



42.3776, -12.9321, 8.1766

Rectangle

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



42.3768, -8.7322, -9.8455



42.3776, 2.1482, -11.1911



42.3776, 4.6186, 11.6699



42.3776, -6.5017, 12.4466

Sweetspot

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



42.3776, -8.7325, -9.8448



65.0610, -6.7279, -1.1525



47.0515, -23.0696, 12.8519



30.5831, -3.2958, -0.7531



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



42.3776, -8.7325, -9.8448



53.6963, -12.3066, -16.9571



34.3008, 4.6939, -23.0177



24.1401, -2.1988, 0.0295



30.5674, -5.7323, -25.8323



3.5966, -1.4200, -1.4300

Inverse Universe

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



36.5622, 23.0359, -7.4559



44.8275, 38.2910, -12.1645



47.6000, -5.0826, 19.0478



23.4134, 1.3645, 0.1521



24.3507, 44.8479, -8.6567



2.4644, 4.6815, -1.9828

Previews

White Background



This preview shows how the HunterLab color 42.3768, -8.7322, -9.8455 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 42.3768, -8.7322, -9.8455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

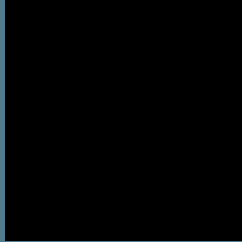
Any Text WCAG AA ✓ Pass

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 42.3768, -8.7322, -9.8455 Background



This preview shows how black text looks on a background with the HunterLab color 42.3768, -8.7322, -9.8455.



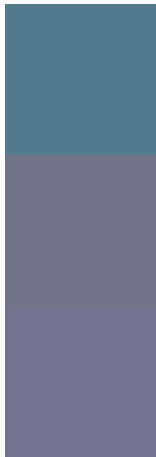
This preview shows how white text looks on a background with the HunterLab color 42.3768, -8.7322, -9.8455.

-9.8455.

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

42.3768, -8.7322, -9.8455

Protanopia

42.1991, 0.4752, -7.2410

Deuteranopia

42.3319, 2.8102, -10.8216



Tritanopia

42.2917, -11.1050, -5.7540

Trichromacy



Original Color

42.3768, -8.7322, -9.8455

Protanomaly

42.2877, -3.3573, -8.2482

Deuteranomaly

42.2180, -1.8783, -10.5133

Tritanomaly

42.4444, -10.3428, -7.0870

Monochromacy



Original Color

42.3768, -8.7322, -9.8455

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.2342, -5.1529, -2.1006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3768, -8.7322, -9.8455 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(83, 123, 142)` looks like.

```
.text, #text, p{  
    color:rgb(83, 123, 142)  
}
```

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(83, 123, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 123, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3768, -8.7322, -9.8455 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(83, 123, 142) }
```


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

```
.border{ border-color:rgb(83, 123, 142) }
```

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

Here you see how a box with a 4 pixel rgb(83, 123, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 123, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 123, 142);  
box-shadow:4px 4px 4px 4px rgb(83, 123,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3768, -8.7322, -9.8455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 123, 142) }
```

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

```
.background{ background-color: rgb(83, 123,  
142) }
```

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