

Converting Colors

HunterLab(42.0033, -15.6668,
8.9454)

Have a look what the booklet for
HunterLab(42.0033, -15.6668,
8.9454) contains.

HunterLab(42.0033, -15.6668, 8.9454)	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(42.0033,
-15.6668, 8.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	587D63
RGB	88, 125, 99
RGB Percent	35%, 49%, 39%
CMY	0.6549, 0.5098, 0.6118
CMYK	0.30, 0.00, 0.21, 0.51
HSL	138°, 17%, 42%
HSV	138°, 30%, 49%
XYZ	13.6102, 17.6428, 14.4925
YIQ	110.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

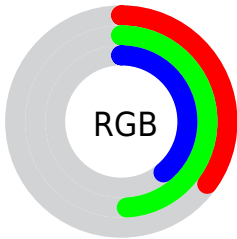
Format	Color
R_{YB}	88, 117, 125
Decimal	5799267
CIE _{Lab}	49.06, -18.85, 10.06
CIE _{LCh}	49, 21.363, 151.913
Yxy	17.6435, 0.2975, 0.3857
Android (android.graphics.Color)	4283989347 (0xFF587D63)
YUV	110.9730, -5.9027, -20.1473
Hunter-Lab	42.0033, -15.6668, 8.9454

Details

The HunterLab color $42.0033, -15.6668, 8.9454$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.4326, 13.4833, -4.5702$, and the grayscale version is $39.8859, -2.1282, 2.1671$.

A 20% lighter version of the original color is $62.8743, -18.9752, 11.2014$, and $24.2657, -12.1673, 6.8013$ is the 20% darker color. If you saturate the color by 10%, you get $41.1411, -19.3698, 11.0020$, and if you desaturate by 10%, it is $42.9930, -11.5469, 6.8073$.

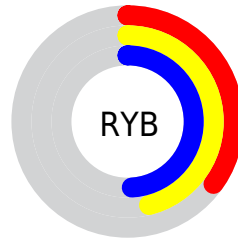
Distribution



Red (35%)

Green (49%)

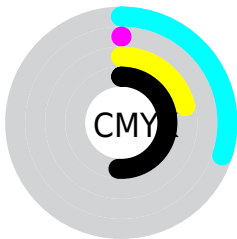
Blue (39%)



Red (35%)

Yellow (46%)

Blue (49%)

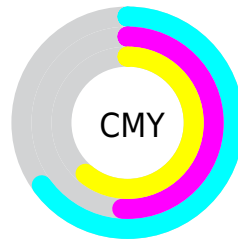


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.0033, -15.6668, 8.9454 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 42.0033, -15.6668, 8.9454 by changing the saturation by 10% instead.

42.0033, -15.6668,
8.9454

42.0033, -15.6668,
8.9454

154.5490,
-29.8164, 19.2546

32.7022, -13.9426,
7.8043

62.7925, -18.9524,
11.1991

24.2110, -12.1278,
6.6361

74.1849, -20.5432,
12.3247

16.6168, -10.1743,
5.4175

86.1935, -22.1125,
13.4554

10.0417, -8.8037,
4.7322

98.7880, -23.6668,
14.5937

0.0000, NaN, NaN

0.0000, NaN, NaN

111.9425,
-25.2110, 15.7415

0.0000, NaN, NaN

125.6340,

0.0000, NaN, NaN

-26.7488, 16.9003

0.0000, NaN, NaN

139.8422,
-28.2831, 18.0711

■ 42.0033, -15.6668,
8.9454

■ 42.0033, -15.6668,
8.9454

■ 41.1411, -19.3698,
11.0020

■ 42.9930, -11.5469,
6.8073

■ 40.4045, -22.6183,
12.9526

■ 44.1055, -7.0489,
4.6086

■ 39.7934, -25.3869,
14.7751

■ 45.3381, -2.2177,
2.3706

■ 39.3047, -27.6611,
16.4486

■ 46.6866, 2.9025,
0.1121

■ 38.9327, -29.4418,
17.9549

■ 48.1461, 8.2687,
-2.1509

■ 38.6692, -30.7474,
19.2791

■ 49.7112, 13.8409,
-4.4049

■ 38.4811, -31.7067,
20.3945

■ 51.3764, 19.5831,
-6.6393

■ 38.4740, -31.7426,
20.4339

■ 53.1361, 25.4634,
-8.8456

■ 54.9848, 31.4544,
-11.0179

Harmonies

Analogous

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



42.0042, -10.5107, 13.4257



42.0033, -15.6668, 8.9454



42.0042, -17.3126, 1.7659

Triad

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



42.0042, -15.6675, 8.9459



42.0042, -1.6984, -16.3314



42.0042, 12.4940, 9.6794

Complementary

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



42.0033, -15.6668, 8.9454



35.4326, 13.4833, -4.5702

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.



42.0042, 15.3040, 2.8003



42.0033, -15.6668, 8.9454



42.0042, 6.7172, -13.1047

Square

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



42.0042, -15.6675, 8.9459



42.0042, -9.6393, -13.8065



42.0042, 13.1118, -5.6811



42.0042, 5.7023, 13.7865

Rectangle

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



42.0033, -15.6668, 8.9454



42.0042, -16.3101, -3.9160



42.0042, 13.1118, -5.6811



42.0042, 13.9588, 7.6670

Sweetspot

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



42.0042, -15.6675, 8.9459



59.0806, -9.1928, 6.0531



43.5715, -10.2827, 14.1051



28.0861, -4.7482, 3.0601



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



42.0042, -15.6675, 8.9459



55.3520, -24.6257, 13.9840



42.4578, -13.0524, 2.4384



21.9958, -3.3979, 2.2418



39.3034, -32.4371, 20.8966

0.0000, NaN, NaN

Inverse Universe

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



35.4326, 13.4833, -4.5702



44.5710, 23.3568, -8.1569



34.9065, 10.8106, 2.8945



20.9554, 1.1941, 0.0981



22.9822, 42.5397, -9.8156

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.0033, -15.6668, 8.9454 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 42.0033, -15.6668, 8.9454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

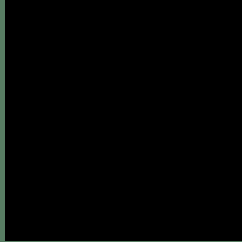
Any Text WCAG AA ✓ Pass

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 42.0033, -15.6668, 8.9454 Background



This preview shows how black text looks on a background with the HunterLab color 42.0033, -15.6668, 8.9454.



This preview shows how white text looks on a background with the HunterLab color 42.0033,

-15.6668, 8.9454.

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

42.0033, -15.6668, 8.9454

Protanopia

41.8664, -3.0056, 10.4131

Deuteranopia

41.8739, 2.8771, 8.0542



Tritanopia

42.0311, -7.8015, -4.0283

Trichromacy



Original Color

42.0033, -15.6668, 8.9454

Protanomaly

41.6571, -8.0316, 9.7778

Deuteranomaly

41.7661, -4.5117, 8.1794

Tritanomaly

41.8644, -10.5728, 0.8943

Monochromacy



Original Color

42.0033, -15.6668, 8.9454

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.5412, -7.1365, 4.5136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.0033, -15.6668, 8.9454 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(88, 125, 99)` looks like.

```
.text, #text, p{  
    color:rgb(88, 125, 99)  
}
```

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(88, 125, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 125, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 42.0033, -15.6668, 8.9454 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(88, 125, 99) }
```


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

```
.border{ border-color:rgb(88, 125, 99) }
```

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

Here you see how a box with a 4 pixel rgb(88, 125, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 125, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 125, 99);  
box-shadow:4px 4px 4px 4px rgb(88, 125,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.0033, -15.6668, 8.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 125, 99) }
```

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

```
.background{ background-color: rgb(88, 125,  
99) }
```

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