

Converting Colors

HunterLab(42.8899, 17.9332,
13.3716)

Have a look what the booklet for
HunterLab(42.8899, 17.9332,
13.3716) contains.

HunterLab(42.8345, 18.0630, 13.3218)	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(42.8345, 18.0630,
13.3218)**

Conversions

Conversions Part 1

Format	Color
Hex	A6665A
RGB	166, 102, 90
RGB Percent	65%, 40%, 35%
CMY	0.3490, 0.6000, 0.6471
CMYK	0.00, 0.39, 0.46, 0.35
HSL	9°, 30%, 50%
HSV	9°, 46%, 65%
XYZ	22.3227, 18.3479, 12.0378
YIQ	119.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

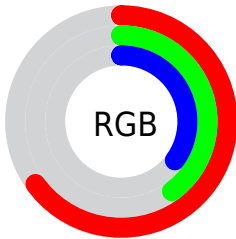
Format	Color
R_{YB}	166, 104, 90
Decimal	10905178
CIE _{Lab}	49.92, 24.37, 17.66
CIE _{LCh}	50, 30.094, 35.929
Yxy	18.3489, 0.4235, 0.3481
Android (android.graphics.Color)	4289095258 (0xFFA6665A)
YUV	119.7680, -14.6756, 40.5455
Hunter-Lab	42.8345, 18.0630, 13.3218

Details

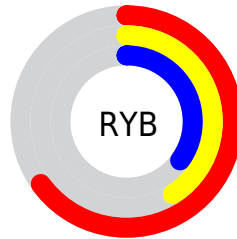
The HunterLab color **42.8345, 18.0630, 13.3218** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **52.9498, -16.2914, -8.0539**, and the grayscale version is **43.2929, -2.3100, 2.3522**.

A 20% lighter version of the original color is **63.7908, 19.1004, 16.5816**, and **24.8992, 16.1387, 9.9512** is the 20% darker color. If you saturate the color by 10%, you get **39.4679, 23.3458, 15.1546**, and if you desaturate by 10%, it is **46.5263, 12.9662, 11.3104**.

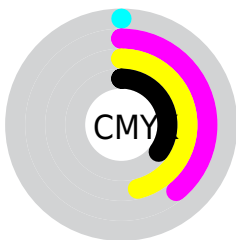
Distribution



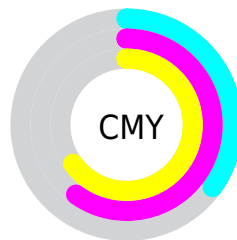
- Red (65%)
- Green (40%)
- Blue (35%)



- Red (65%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8345, 18.0630, 13.3218 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 42.8345, 18.0630, 13.3218 by changing the saturation by 10% instead.

■ 42.8345, 18.0630, 13.3218 ■ 42.8345, 18.0630, 13.3218

155.8301, 21.4910, 27.0328 ■ 33.4675, 17.2348, 11.6519

■ 63.7424, 19.3792, 16.5011 ■ 24.9039, 16.2768, 9.8925

■ 75.1888, 19.8961, 18.0404 ■ 17.2288, 15.1693, 7.9973

■ 87.2486, 20.3307, 19.5594 ■ 10.5603, 13.9045, 7.3922

■ 99.8921, 20.6904, 21.0648 0.0000, INF, NaN

0.0000, NaN, NaN

■ 113.0934, 20.9815, 22.5615 0.0000, NaN, NaN

126.8298, 21.2091, 0.0000, NaN, NaN

141.0814, 21.3776,
25.5428

■ 42.8345, 18.0630,
13.3218

■ 42.8345, 18.0630,
13.3218

■ 39.4679, 23.3458,
15.1546

■ 46.5263, 12.9662,
11.3104

■ 36.4753, 28.7157,
16.7288

■ 50.4945, 8.1095,
9.1760

■ 33.9126, 33.9850,
17.9506


■ 54.7015, 3.5012,
6.9594


■ 31.8316, 38.8800,
18.7258


■ 59.1154, -0.8689,
4.6872


■ 30.2680, 43.0618,
19.0111


■ 63.7097, -5.0210,
2.3768

 29.7582, 44.4972,
19.1159

 68.4629, -8.9790,
0.0389

 73.3571, -12.7671,
-2.3197

 78.3778, -16.4078,
-4.6951

 83.5126, -19.9216,
-7.0850

Harmonies

Analogous

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



42.8356, 23.1858, 4.5392



42.8345, 18.0630, 13.3218



42.8356, 7.5436, 17.9302

Triad

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



42.8356, 18.0607, 13.3225



42.8356, -21.3989, 10.3586



42.8356, 0.1235, -25.7780

Complementary

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



42.8345, 18.0630, 13.3218



52.9498, -16.2914, -8.0539

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.



42.8356, -11.3056, -22.9651



42.8345, 18.0630, 13.3218



42.8356, -22.9220, 0.0000

Square

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



42.8356, 18.0607, 13.3225



42.8356, -15.0133, 16.5781



42.8356, -19.4290, -12.6647



42.8356, 12.1218, -19.5428

Rectangle

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



42.8345, 18.0630, 13.3218



42.8356, -0.6360, 18.9655



42.8356, -19.4290, -12.6647



42.8356, -3.9151, -25.8771

Sweetspot

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



42.8356, 18.0607, 13.3225



74.5814, 3.8004, 8.9137



42.1576, 33.1990, -16.8069



34.7063, 2.3925, 4.5158



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.8356, 18.0607, 13.3225



53.0679, 31.6237, 20.4713



52.3704, -0.0911, 21.3176



27.7968, 0.3093, 2.6523



26.2941, 38.8990, 16.8833



4.7212, 4.2777, 2.9841

Inverse Universe

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



52.9498, -16.2914, -8.0539



69.2241, -24.0453, -13.8446



41.9006, 0.8605, -25.2147



28.8570, -3.2092, 0.4289



40.8484, -16.3687, -15.7215



6.7704, -3.0666, -1.8424

Previews

White Background



This preview shows how the HunterLab color 42.8345, 18.0630, 13.3218 looks on a white background.

Color Contrast Check

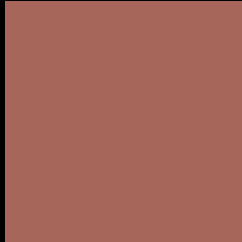
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.8345, 18.0630, 13.3218 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 42.8345, 18.0630, 13.3218 Background



This preview shows how black text looks on a background with the HunterLab color 42.8345, 18.0630, 13.3218.



This preview shows how white text looks on a background with the HunterLab color 42.8345, 18.0630,

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

42.8345, 18.0630, 13.3218

Protanopia

43.0245, -3.0806, 10.5338

Deuteranopia

42.8975, 3.0050, 13.7253



Tritanopia

42.8852, 21.2968, 7.5676

Trichromacy



Original Color

42.8345, 18.0630, 13.3218

Protanomaly

42.7776, 4.2345, 11.4279

Deuteranomaly

42.8453, 8.1638, 13.4652

Tritanomaly

42.9679, 20.1007, 9.8397

Monochromacy



Original Color

42.8345, 18.0630, 13.3218

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.6998, 4.6265, 6.3032

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8345, 18.0630, 13.3218 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(166, 102, 90)` looks like.

```
.text, #text, p{  
    color:rgb(166, 102, 90)  
}
```

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(166, 102, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 102, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8345, 18.0630, 13.3218 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(166, 102, 90) }
```


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

```
.border{ border-color:rgb(166, 102, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 102, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 102, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 102, 90);  
box-shadow:4px 4px 4px 4px rgb(166, 102,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8345, 18.0630, 13.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 102, 90) }
```

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

```
.background{ background-color: rgb(166,  
102, 90) }
```

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