

Converting Colors

HunterLab(29.4294, -18.7263,
17.3166)

Have a look what the booklet for
HunterLab(29.4294, -18.7263,
17.3166) contains.

HunterLab(29.5855, -18.8161, 17.4406)	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(29.5855,
-18.8161, 17.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	345E08
RGB	52, 94, 8
RGB Percent	20%, 37%, 3%
CMY	0.7961, 0.6314, 0.9686
CMYK	0.45, 0.00, 0.91, 0.63
HSL	89°, 84%, 20%
HSV	89°, 91%, 37%
XYZ	5.4627, 8.7530, 1.6313
YIQ	71.6380, 2.5740, -35.6500

Conversions

Conversions Part 2

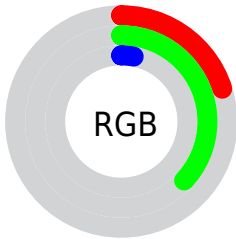
Format	Color
R_{YB}	8, 94, 50
Decimal	3431944
CIE _{Lab}	35.51, -29.05, 39.49
CIE _{LCh}	36, 49.025, 126.332
Yxy	8.7534, 0.3447, 0.5523
Android (android.graphics.Color)	4281622024 (0xFF345E08)
YUV	71.6380, -31.3735, -17.2225
Hunter-Lab	29.5855, -18.8161, 17.4406

Details

The HunterLab color $[29.5855, -18.8161, 17.4406]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.8852, 24.8721, -40.3544]$, and the grayscale version is $[25.4358, -1.3572, 1.3820]$.

A 20% lighter version of the original color is $[48.4472, -23.7640, 24.0339]$, and $[14.2584, -12.2266, 8.5719]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.3877, -19.6855, 17.7639]$, and if you desaturate by 10%, it is $[29.8420, -17.7018, 16.9916]$.

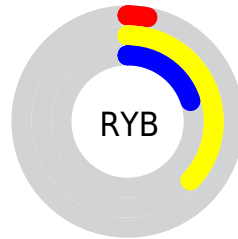
Distribution



Red (20%)

Green (37%)

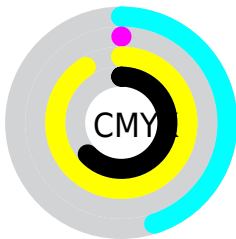
Blue (3%)



Red (3%)

Yellow (37%)

Blue (20%)

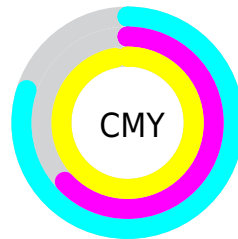


Cyan (45%)

Magenta (0%)

Yellow (91%)

Black (63%)



Cyan (80%)

Magenta (63%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5855, -18.8161, 17.4406 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 29.5855, -18.8161, 17.4406 by changing the saturation by 10% instead.

■ 29.5855, -18.8161,
17.4406

■ 29.5855, -18.8161,
17.4406

■ 134.7321,
-38.3219, 43.1055

■ 21.4025, -16.1131,
14.1142

■ 48.3970, -23.6799,
24.0693

■ 14.1542, -13.1040,
9.9079

■ 58.8966, -25.9371,
27.0981

■ 7.8067, -13.6618,
5.4647

■ 70.0617, -28.1161,
29.9876

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8549, -30.2346,
32.7650

0.0000, NaN, NaN

■ 94.2443, -32.3056,
35.4510


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.2025,


-34.3391, 38.0616


0.0000, NaN, NaN


 120.7055,
-36.3425, 40.6097


 29.5855, -18.8161,
17.4406


 29.5855, -18.8161,
17.4406


 29.3877, -19.6855,
17.7639

 29.8420, -17.7018,
16.9916

 30.1362, -16.4049,
16.2657

 30.4710, -14.9189,
15.2351

 30.8475, -13.2430,
13.8860

 31.2662, -11.3795,
12.2113

■ 31.7277, -9.3334,
10.2090

■ 32.2317, -7.1115,
7.8819

■ 32.7781, -4.7225,
5.2363

■ 33.3663, -2.1758,
2.2818

Harmonies

Analogous

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



29.5861, -5.1591, 18.9605



29.5855, -18.8161, 17.4406



29.5861, -26.2924, 11.7030

Triad

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



29.5861, -18.8167, 17.4407



29.5861, -13.7813, -44.4813



29.5861, 39.2559, 4.8911

Complementary

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



29.5855, -18.8161, 17.4406



12.8852, 24.8721, -40.3544

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.



29.5861, 35.4521, -14.1109



29.5855, -18.8161, 17.4406



29.5861, 2.1772, -50.2375

Square

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



29.5861, -18.8167, 17.4407



29.5861, -23.8865, -23.9297



29.5861, 20.8115, -36.8881



29.5861, 30.2578, 14.8904

Rectangle

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



29.5855, -18.8161, 17.4406



29.5861, -27.9900, 3.5637



29.5861, 20.8115, -36.8881



29.5861, 39.4564, -0.4858

Sweetspot

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



29.5861, -18.8167, 17.4407



42.2194, -11.3048, 12.4358



21.5453, 10.2030, 12.8221



20.6003, -5.8276, 6.3905



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.5861, -18.8167, 17.4407



38.8094, -26.3641, 23.4526



28.4328, -23.6103, 16.6275



16.2370, -1.9991, 2.2059



34.5253, -23.3266, 20.8660



80.4633, -55.9394, 48.6018

Inverse Universe

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



12.8852, 24.8721, -40.3544



15.3915, 35.5520, -61.3218



18.1293, 33.0411, -22.8846



15.2626, 0.3583, -0.5898



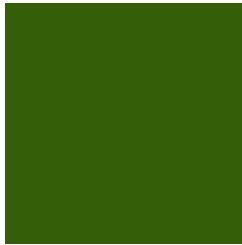
13.7484, 31.6775, -54.1608



31.3440, 73.2125, -131.1772

Previews

White Background



This preview shows how the HunterLab color 29.5855, -18.8161, 17.4406 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.5855, -18.8161, 17.4406 Background



This preview shows how black text looks on a background with the HunterLab color 29.5855, -18.8161, 17.4406.



This preview shows how white text looks on a background with the HunterLab color 29.5855,

-18.8161, 17.4406.

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

29.5855, -18.8161, 17.4406

Protanopia

29.5302, -4.6116, 18.1156

Deuteranopia

29.4036, 1.6497, 16.8127



Tritanopia

29.4641, -6.2558, -3.2633

Trichromacy



Original Color

29.5855, -18.8161, 17.4406

Protanomaly

29.4080, -10.6106, 17.7616

Deuteranomaly

28.9076, -6.7370, 16.6894

Tritanomaly

29.3275, -12.6316, 8.3432

Monochromacy



Original Color

29.5855, -18.8161, 17.4406

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.6137, -8.9942, 9.7684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5855, -18.8161, 17.4406 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(52, 94, 8)` looks like.

```
.text, #text, p{  
    color:rgb(52, 94, 8)  
}
```

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(52, 94, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 94, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5855, -18.8161, 17.4406 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(52, 94, 8) }
```


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

```
.border{ border-color:rgb(52, 94, 8) }
```

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

Here you see how a box with a 4 pixel rgb(52, 94, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 94, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 94, 8); box-shadow:4px  
4px 4px 4px rgb(52, 94, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5855, -18.8161, 17.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 94, 8) }
```

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

```
.background{ background-color: rgb(52, 94,  
8) }
```

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](#).

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