

Converting Colors

HunterLab(36.5066, -16.9725,
20.5387)

Have a look what the booklet for
HunterLab(36.5066, -16.9725,
20.5387) contains.

HunterLab(36.5777, -17.0234, 20.5602)	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(36.5777,
-17.0234, 20.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	556F1B
RGB	85, 111, 27
RGB Percent	33%, 44%, 11%
CMY	0.6667, 0.5647, 0.8941
CMYK	0.23, 0.00, 0.76, 0.56
HSL	79°, 61%, 27%
HSV	79°, 76%, 44%
XYZ	9.6286, 13.3793, 3.1119
YIQ	93.6500, 11.4680, -31.6360

Conversions

Conversions Part 2

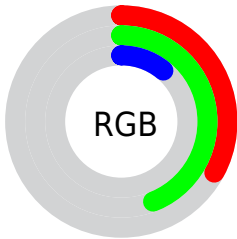
Format	Color
R_{YB}	27, 111, 53
Decimal	5599003
CIE _{Lab}	43.33, -22.65, 41.14
CIE _{LCh}	43, 46.965, 118.831
Yxy	13.3799, 0.3686, 0.5122
Android (android.graphics.Color)	4283789083 (0xFF556F1B)
YUV	93.6500, -32.8585, -7.5861
Hunter-Lab	36.5777, -17.0234, 20.5602

Details

The HunterLab color $36.5777, -17.0234, 20.5602$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $16.3977, 22.7927, -43.8767$, and the grayscale version is $33.4421, -1.7844, 1.8170$.

A 20% lighter version of the original color is $56.6115, -21.0212, 27.1623$, and $19.8704, -11.9518, 12.0348$ is the 20% darker color. If you saturate the color by 10%, you get $36.3055, -18.2067, 21.2582$, and if you desaturate by 10%, it is $36.8865, -15.6653, 19.4935$.

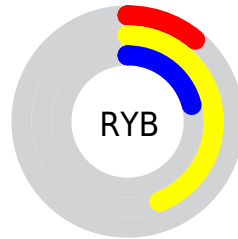
Distribution



Red (33%)

Green (44%)

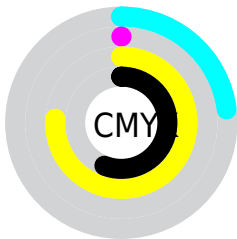
Blue (11%)



Red (11%)

Yellow (44%)

Blue (21%)

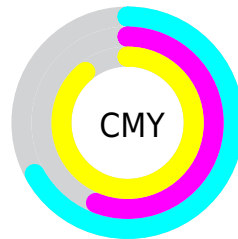


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5777, -17.0234, 20.5602 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 36.5777, -17.0234, 20.5602 by changing the saturation by 10% instead.

36.5777, -17.0234,
20.5602

36.5777, -17.0234,
20.5602

146.0610,
-33.0492, 46.3154

27.7320, -14.9709,
16.9491

56.5549, -20.8510,
27.1087

19.7425, -12.7651,
13.8197

67.5787, -22.6740,
30.1328

12.7141, -10.3189,
8.8998

79.2382, -24.4572,
33.0327

6.0718, -10.6256,
4.2503

91.5004, -26.2104,
35.8312

0.0000, NaN, NaN

0.0000, NaN, NaN

104.3370,
-27.9411, 38.5460

0.0000, NaN, NaN

117.7234,

0.0000, NaN, NaN

-29.6550, 41.1912

0.0000, NaN, NaN

131.6378,
-31.3566, 43.7780

36.5777, -17.0234,
20.5602

36.5777, -17.0234,
20.5602

36.3055, -18.2067,
21.2582

36.8865, -15.6653,
19.4935

36.0625, -19.2382,
21.6580

37.2312, -14.1222,
18.0312

35.9615, -19.6679,
21.8150

37.6143, -12.3913,
16.1557

38.0367, -10.4716,
13.8561

38.4990, -8.3647,
11.1272

■ 39.0016, -6.0741,
7.9689

■ 39.5448, -3.6051,
4.3854

■ 40.1283, -0.9641,
0.3847

■ 40.7519, 1.8412,
-4.0222

Harmonies

Analogous

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



36.5785, -1.2536, 21.8664



36.5777, -17.0234, 20.5602



36.5785, -26.8525, 15.1414

Triad

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



36.5785, -17.0244, 20.5604



36.5785, -18.0208, -38.2025



36.5785, 38.8903, 1.3213

Complementary

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



36.5777, -17.0234, 20.5602



16.3977, 22.7927, -43.8767

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.



36.5785, 32.1391, -19.1592



36.5777, -17.0234, 20.5602



36.5785, -2.6486, -47.7369

Square

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



36.5785, -17.0244, 20.5604



36.5785, -27.3458, -17.4220



36.5785, 16.0373, -39.4984



36.5785, 33.0760, 14.4591

Rectangle

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



36.5777, -17.0234, 20.5602



36.5785, -29.8163, 7.7475



36.5785, 16.0373, -39.4984



36.5785, 37.9957, -4.8859

Sweetspot

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



36.5785, -17.0244, 20.5604



51.6498, -10.5854, 14.0712



24.3577, 15.9330, 12.7636



25.2243, -5.6065, 7.4587



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.5785, -17.0244, 20.5604



48.3265, -25.4434, 28.8626



34.6117, -24.9195, 19.1148



19.6646, -2.2226, 2.8120



39.0186, -21.4206, 23.6681



86.8153, -48.8869, 52.6393

Inverse Universe

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



16.3977, 22.7927, -43.8767



17.6921, 37.7024, -78.6857



20.7899, 31.4319, -29.5303



18.2919, 0.2486, -0.8929



13.2197, 32.8692, -70.7593



28.8045, 72.7167, -162.6878

Previews

White Background



This preview shows how the HunterLab color 36.5777, -17.0234, 20.5602 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 36.5777, -17.0234, 20.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

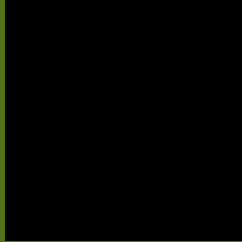
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.5777, -17.0234, 20.5602 Background



This preview shows how black text looks on a background with the HunterLab color 36.5777, -17.0234, 20.5602.



This preview shows how white text looks on a background with the HunterLab color 36.5777, -17.0234, 20.5602.

-17.0234, 20.5602.

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

36.5777, -17.0234, 20.5602

Protanopia

36.3562, -4.7208, 20.8200

Deuteranopia

36.3983, 2.2690, 20.1244



Tritanopia

36.4006, -2.9386, -2.5901

Trichromacy



Original Color

36.5777, -17.0234, 20.5602

Protanomaly

36.2226, -9.4446, 20.5552

Deuteranomaly

36.1198, -5.4846, 20.0330

Tritanomaly

36.2302, -9.4363, 9.4204

Monochromacy



Original Color

36.5777, -17.0234, 20.5602

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.3230, -8.1787, 10.9973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5777, -17.0234, 20.5602 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(85, 111, 27)` looks like.

```
.text, #text, p{  
  color:rgb(85, 111, 27)  
}
```

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(85, 111, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 111, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5777, -17.0234, 20.5602 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(85, 111, 27) }
```


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

```
.border{ border-color:rgb(85, 111, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 111, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 111, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 111, 27);  
box-shadow:4px 4px 4px 4px rgb(85, 111,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5777, -17.0234, 20.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 111, 27) }
```

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

```
.background{ background-color: rgb(85, 111,  
27) }
```

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