

Converting Colors

HunterLab(36.3475, 5.8608,
20.8140)

Have a look what the booklet for
HunterLab(36.3475, 5.8608,
20.8140) contains.

HunterLab(36.3805, 5.9677, 20.8321)	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(36.3805, 5.9677,
20.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	875E1B
RGB	135, 94, 27
RGB Percent	53%, 37%, 11%
CMY	0.4706, 0.6314, 0.8941
CMYK	0.00, 0.30, 0.80, 0.47
HSL	37°, 67%, 32%
HSV	37°, 80%, 53%
XYZ	14.1922, 13.2354, 2.8436
YIQ	98.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

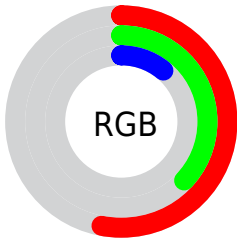
Format	Color
RYB	93, 135, 27
Decimal	8871451
CIELab	43.12, 10.45, 42.59
CIElCh	43, 43.849, 76.214
Yxy	13.2361, 0.4688, 0.4372
Android (android.graphics.Color)	4287061531 (0xFF875E1B)
YUV	98.6210, -35.3092, 31.9044
Hunter-Lab	36.3805, 5.9677, 20.8321

Details

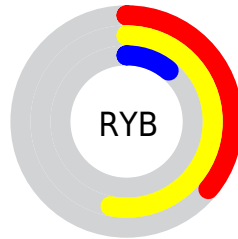
The HunterLab color **36.3805, 5.9677, 20.8321** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **24.7311, 6.4657, -39.5991**, and the grayscale version is **35.2977, -1.8834, 1.9178**.

A 20% lighter version of the original color is **56.2804, 6.2236, 27.5855**, and **19.6551, 6.0193, 12.2168** is the 20% darker color. If you saturate the color by 10%, you get **35.0798, 7.9646, 21.0828**, and if you desaturate by 10%, it is **37.7565, 4.1660, 20.1151**.

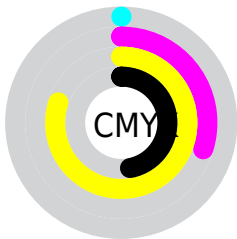
Distribution



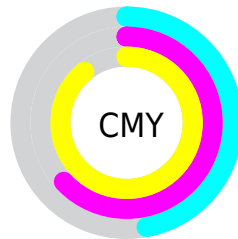
- Red (53%)
- Green (37%)
- Blue (11%)



- Red (36%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3805, 5.9677, 20.8321 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 36.3805, 5.9677, 20.8321 by changing the saturation by 10% instead.

■ 36.3805, 5.9677,
20.8321

■ 36.3805, 5.9677,
20.8321

145.7481, 4.4724,
47.3720

■ 27.5523, 5.7970,
17.1015

■ 56.3269, 6.0478,
27.5969

■ 19.5821, 5.5216,
13.7074

■ 67.3368, 5.9824,
30.7179

■ 12.5756, 5.1134,
8.8029

■ 78.9831, 5.8561,
33.7082

■ 5.8741, 7.4376,
4.1119

■ 91.2327, 5.6744,
36.5915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.0573, 5.4417,
39.3863

0.0000, NaN, NaN

■ 117.4322, 5.1618,

0.0000, NaN, NaN

42.1072

0.0000, NaN, NaN

131.3356, 4.8378,
44.7659

36.3805, 5.9677,
20.8321

36.3805, 5.9677,
20.8321

35.0798, 7.9646,
21.0828

37.7565, 4.1660,
20.1151

33.8430, 10.0952,
21.0305

39.2031, 2.5763,
18.9232

33.8428, 10.0955,
21.0305

40.7187, 1.2002,
17.2641

42.3003, 0.0365,
15.1541

43.9447, -0.9199,
12.6150

■ 45.6486, -1.6764,
9.6713

■ 47.4088, -2.2419,
6.3489

■ 49.2222, -2.6264,
2.6736

■ 51.0858, -2.8401,
-1.3295

Harmonies

Analogous

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



36.3814, 22.8362, 17.7708



36.3805, 5.9677, 20.8321



36.3814, -10.4200, 20.7189

Triad

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



36.3814, 5.9658, 20.8324



36.3814, -27.7634, -7.5411



36.3814, 24.0373, -25.8585

Complementary

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



36.3805, 5.9677, 20.8321



24.7311, 6.4657, -39.5991

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.



36.3814, 7.3887, -40.8059



36.3805, 5.9677, 20.8321



36.3814, -21.4714, -27.4032

Square

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



36.3814, 5.9658, 20.8324



36.3814, -28.0064, 8.4885



36.3814, -9.2294, -41.4719



36.3814, 34.4641, -6.0088

Rectangle

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



36.3805, 5.9677, 20.8321



36.3814, -18.9200, 18.9302



36.3814, -9.2294, -41.4719



36.3814, 18.8616, -31.9471

Sweetspot

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



36.3814, 5.9658, 20.8324



60.0431, -1.8163, 14.7954



25.2133, 36.8621, 3.1700



28.5530, -0.7174, 7.7045



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.3814, 5.9658, 20.8324



45.5969, 13.0132, 28.0616



46.4476, -16.1647, 27.0140



22.6580, -1.0876, 2.8756



32.5387, 9.6137, 20.2185



2.2538, -0.0563, 1.3878

Inverse Universe

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



24.7311, 6.4657, -39.5991



27.7570, 16.9094, -70.2813



17.2523, 28.0054, -67.6521



21.9383, -1.2196, -0.5585



19.5972, 12.5802, -51.6518



1.6310, -0.1754, -1.6600

Previews

White Background



This preview shows how the HunterLab color 36.3805, 5.9677, 20.8321 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 36.3805, 5.9677, 20.8321 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 36.3805, 5.9677, 20.8321 Background



This preview shows how black text looks on a background with the HunterLab color 36.3805, 5.9677, 20.8321.



This preview shows how white text looks on a background with the HunterLab color 36.3805, 5.9677,

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

36.3805, 5.9677, 20.8321

Protanopia

36.3817, -4.5795, 20.4438

Deuteranopia

36.4570, 2.3694, 20.9167



Tritanopia

36.4370, 15.3889, 5.4903

Trichromacy



Original Color

36.3805, 5.9677, 20.8321

Protanomaly

36.2562, -0.9348, 20.5280

Deuteranomaly

36.4220, 3.5477, 20.9143

Tritanomaly

36.2737, 11.5301, 13.0826

Monochromacy



Original Color

36.3805, 5.9677, 20.8321

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.3202, -0.3597, 11.1768

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3805, 5.9677, 20.8321 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(135, 94, 27)` looks like.

```
.text, #text, p{  
  color:rgb(135, 94, 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(135, 94, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 94, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3805, 5.9677, 20.8321 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(135, 94, 27) }
```


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

```
.border{ border-color:rgb(135, 94, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 94, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 94, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 94, 27);  
box-shadow:4px 4px 4px 4px rgb(135, 94,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3805, 5.9677, 20.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 94, 27) }
```

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

```
.background{ background-color: rgb(135, 94,  
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