

Converting Colors

HunterLab(38.1030, 6.2928,
16.8333)

Have a look what the booklet for
HunterLab(38.1030, 6.2928,
16.8333) contains.

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Color

**HunterLab(38.1684, 6.1327,
16.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	89633C
RGB	137, 99, 60
RGB Percent	54%, 39%, 24%
CMY	0.4627, 0.6118, 0.7647
CMYK	0.00, 0.28, 0.56, 0.46
HSL	30°, 39%, 39%
HSV	30°, 56%, 54%
XYZ	15.5940, 14.5683, 6.2650
YIQ	105.9160, 35.1670, -4.0730

Conversions

Conversions Part 2

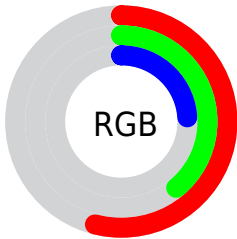
Format	Color
R_{YB}	135, 137, 60
Decimal	9003836
CIE _{Lab}	45.04, 10.63, 28.02
CIE _{LCh}	45, 29.973, 69.231
Yxy	14.5690, 0.4281, 0.3999
Android (android.graphics.Color)	4287193916 (0xFF89633C)
YUV	105.9160, -22.6366, 27.2607
Hunter-Lab	38.1684, 6.1327, 16.9859

Details

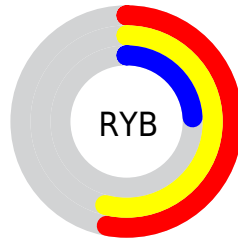
The HunterLab color **38.1684, 6.1327, 16.9859** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33.9141, -2.7887, -20.5263**, and the grayscale version is **38.0069, -2.0280, 2.0650**.

A 20% lighter version of the original color is **58.5089, 6.2353, 21.7853**, and **20.9242, 5.8462, 11.6067** is the 20% darker color. If you saturate the color by 10%, you get **36.3517, 8.3891, 18.2799**, and if you desaturate by 10%, it is **40.0852, 4.0925, 15.2674**.

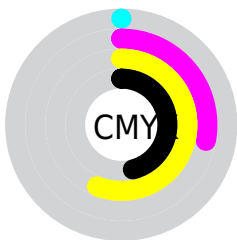
Distribution



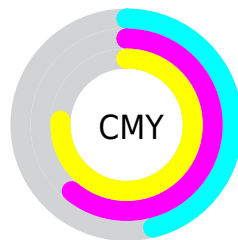
- Red (54%)
- Green (39%)
- Blue (24%)



- Red (53%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (46%)



- Cyan (46%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1684, 6.1327, 16.9859 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 38.1684, 6.1327, 16.9859 by changing the saturation by 10% instead.

■ 38.1684, 6.1327,
16.9859

■ 38.1684, 6.1327,
16.9859

148.5740, 4.6129,
35.8408

■ 29.1847, 5.9702,
14.4653

■ 58.3911, 6.2023,
21.6156

■ 21.0423, 5.7058,
11.7376

■ 69.5261, 6.1333,
23.7889

■ 13.8406, 5.3137,
9.6884

■ 81.2907, 6.0042,
25.8963

■ 7.4683, 5.8025,
5.2278

■ 93.6529, 5.8202,
27.9520

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.5850, 5.5857,
29.9667

0.0000, NaN, NaN

■ 120.0631, 5.3044,

0.0000, NaN, NaN

31.9489

0.0000, NaN, NaN

134.0657, 4.9792,
33.9052

■ 38.1684, 6.1327,
16.9859

■ 38.1684, 6.1327,
16.9859

■ 36.3517, 8.3891,
18.2799

■ 40.0852, 4.0925,
15.2674

■ 34.6399, 10.8633,
19.1222

■ 42.0921, 2.2703,
13.1545

■ 33.0409, 13.5396,
19.4991

■ 44.1832, 0.6564,
10.6805

■ 31.5588, 16.3779,
19.4525

■ 46.3518, -0.7602,
7.8781

■ 31.0216, 17.4596,
19.4210

■ 48.5922, -1.9919,
4.7778

■ 50.8990, -3.0516,
1.4080

■ 53.2672, -3.9523,
-2.2060

■ 55.6925, -4.7064,
-6.0413

■ 58.1710, -5.3258,
-10.0777

Harmonies

Analogous

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



38.1693, 16.6625, 13.1386



38.1684, 6.1327, 16.9859



38.1693, -5.5244, 17.5643

Triad

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



38.1693, 6.1309, 16.9864



38.1693, -21.5199, -1.4562



38.1693, 12.9915, -18.0932

Complementary

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



38.1684, 6.1327, 16.9859



33.9141, -2.7887, -20.5263

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.



38.1693, 1.5768, -25.0930



38.1684, 6.1327, 16.9859



38.1693, -17.7141, -13.7801

Square

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



38.1693, 6.1309, 16.9864



38.1693, -20.6066, 8.8149



38.1693, -9.5741, -23.3156



38.1693, 20.9380, -6.1676

Rectangle

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



38.1684, 6.1327, 16.9859



38.1693, -12.2563, 16.2624



38.1693, -9.5741, -23.3156



38.1693, 9.3815, -21.2399

Sweetspot

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



38.1693, 6.1309, 16.9864



61.6837, -0.8084, 11.0034



30.7270, 28.4903, -3.1039



28.9802, -0.2382, 5.5192



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.



38.1693, 6.1309, 16.9864



48.1126, 11.9548, 24.7730



48.5137, -11.0256, 24.4762



23.3236, -0.8013, 2.7854



29.9803, 16.7599, 18.7671



2.9831, 0.2773, 1.8430

Inverse Universe

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



33.9141, -2.7887, -20.5263



41.3517, -1.7742, -35.3193



24.4922, 15.4051, -41.9302



22.9634, -1.5908, -0.3519



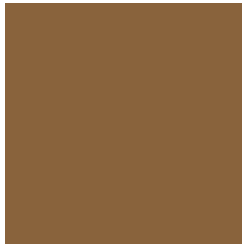
23.4797, 5.4467, -41.1055



2.5653, -0.6444, -1.8153

Previews

White Background



This preview shows how the HunterLab color 38.1684, 6.1327, 16.9859 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 38.1684, 6.1327, 16.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

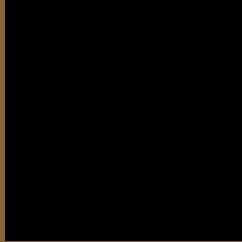
Any Text WCAG AA × Fail

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 38.1684, 6.1327, 16.9859 Background



This preview shows how black text looks on a background with the HunterLab color 38.1684, 6.1327, 16.9859.



This preview shows how white text looks on a background with the HunterLab color 38.1684, 6.1327,

16.9859.

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

38.1684, 6.1327, 16.9859

Protanopia

38.2834, -4.0928, 16.2354

Deuteranopia

38.2672, 2.5384, 17.2137



Tritanopia

38.1057, 13.7305, 4.5644

Trichromacy



Original Color

38.1684, 6.1327, 16.9859

Protanomaly

38.1228, -0.5457, 16.3937

Deuteranomaly

38.2226, 3.7022, 17.1991

Tritanomaly

38.1138, 10.6232, 9.9758

Monochromacy



Original Color

38.1684, 6.1327, 16.9859

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.6878, 0.3049, 8.3598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1684, 6.1327, 16.9859 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(137, 99, 60)` looks like.

```
.text, #text, p{  
    color:rgb(137, 99, 60)  
}
```

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(137, 99, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 99, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1684, 6.1327, 16.9859 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(137, 99, 60) }
```


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

```
.border{ border-color:rgb(137, 99, 60) }
```

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

Here you see how a box with a 4 pixel rgb(137, 99, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 99, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 99, 60);  
box-shadow:4px 4px 4px 4px rgb(137, 99,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1684, 6.1327, 16.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 99, 60) }
```

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

```
.background{ background-color: rgb(137, 99,  
60) }
```

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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