

Converting Colors

HunterLab(36.3374, 6.3931,
18.4718)

Have a look what the booklet for
HunterLab(36.3374, 6.3931,
18.4718) contains.

HunterLab(36.4187, 6.3949, 18.5112)	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(36.4187, 6.3949,
18.5112)**

Conversions

Conversions Part 1

Format	Color
Hex	865E2D
RGB	134, 94, 45
RGB Percent	53%, 37%, 18%
CMY	0.4745, 0.6314, 0.8235
CMYK	0.00, 0.30, 0.66, 0.47
HSL	33°, 50%, 35%
HSV	33°, 66%, 53%
XYZ	14.3079, 13.2632, 4.2886
YIQ	100.3740, 39.5690, -6.7590

Conversions

Conversions Part 2

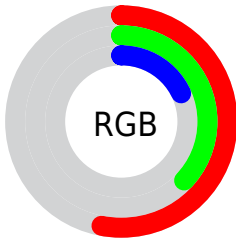
Format	Color
RYB	118, 134, 45
Decimal	8805933
CIELab	43.16, 10.99, 33.95
CIELCh	43, 35.682, 72.062
Yxy	13.2639, 0.4491, 0.4163
Android (android.graphics.Color)	4286996013 (0xFF865E2D)
YUV	100.3740, -27.2994, 29.4900
Hunter-Lab	36.4187, 6.3949, 18.5112

Details

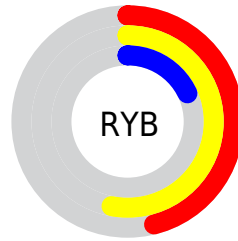
The HunterLab color **36.4187, 6.3949, 18.5112** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29.6239, 0.1804, -26.8831**, and the grayscale version is **35.9286, -1.9171, 1.9521**.

A 20% lighter version of the original color is **56.2885, 6.7277, 23.8944**, and **19.6551, 6.0193, 12.2168** is the 20% darker color. If you saturate the color by 10%, you get **34.8524, 8.5340, 19.3486**, and if you desaturate by 10%, it is **38.0752, 4.4638, 17.2228**.

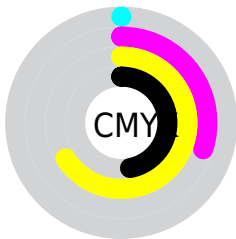
Distribution



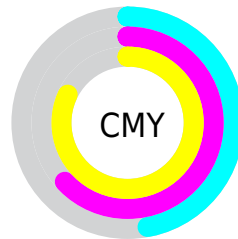
- Red (53%)
- Green (37%)
- Blue (18%)



- Red (46%)
- Yellow (53%)
- Blue (18%)



- Cyan (0%)
- Magenta (30%)
- Yellow (66%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4187, 6.3949, 18.5112 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 36.4187, 6.3949, 18.5112 by changing the saturation by 10% instead.

36.4187, 6.3949,
18.5112

36.4187, 6.3949,
18.5112

145.8088, 5.1159,
40.5091

27.5871, 6.1934,
15.4745

56.3711, 6.5314,
24.0295

19.6131, 5.8846,
12.4653

67.3837, 6.4918,
26.5917

12.6024, 5.4404,
8.8217

79.0325, 6.3901,
29.0595

5.9130, 7.7830,
4.1391

91.2846, 6.2320,
31.4516

0.0000, NaN, NaN

0.0000, NaN, NaN

104.1115, 6.0220,
33.7826

0.0000, NaN, NaN

117.4886, 5.7639,

0.0000, NaN, NaN

36.0635

0.0000, NaN, NaN

131.3942, 5.4609,
38.3033

■ 36.4187, 6.3949,
18.5112

■ 36.4187, 6.3949,
18.5112

■ 34.8524, 8.5340,
19.3486

■ 38.0752, 4.4638,
17.2228

■ 33.3784, 10.8765,
19.7261

■ 39.8140, 2.7481,
15.5018

■ 31.9987, 13.3854,
19.6963

■ 41.6307, 1.2423,
13.3745

■ 31.5223, 14.2918,
19.6741

■ 43.5201, -0.0609,
10.8698

■ 45.4775, -1.1712,
8.0168

■ 47.4980, -2.0998,
4.8443

■ 49.5775, -2.8582,
1.3790

■ 51.7121, -3.4581,
-2.3539

■ 53.8980, -3.9110,
-6.3317

Harmonies

Analogous

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



36.4196, 19.3826, 14.9416



36.4187, 6.3949, 18.5112



36.4196, -7.2087, 18.7990

Triad

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



36.4196, 6.3931, 18.5116



36.4196, -23.9988, -3.5600



36.4196, 17.1122, -21.5070

Complementary

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



36.4187, 6.3949, 18.5112



29.6239, 0.1804, -26.8831

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.



36.4196, 3.6353, -31.3448



36.4187, 6.3949, 18.5112



36.4196, -19.2716, -18.7252

Square

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



36.4196, 6.3931, 18.5116



36.4196, -23.4838, 8.7927



36.4196, -9.5949, -30.1736



36.4196, 26.1643, -6.4656

Rectangle

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



36.4187, 6.3949, 18.5112



36.4196, -14.7171, 17.3070



36.4196, -9.5949, -30.1736



36.4196, 12.8723, -25.7418

Sweetspot

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



36.4196, 6.3931, 18.5116



59.3097, -0.9915, 12.2181



27.5715, 32.1035, -0.9526



27.8579, -0.3035, 6.2263



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



36.4196, 6.3931, 18.5116



45.2008, 12.9575, 26.0262



46.8507, -12.8920, 25.5015



22.5435, -0.8961, 2.7521



30.5510, 13.7589, 19.0663



2.1664, 0.0944, 1.3366

Inverse Universe

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



29.6239, 0.1804, -26.8831



34.5509, 4.3241, -46.8261



20.6455, 20.3285, -51.6935



22.0536, -1.4104, -0.4173



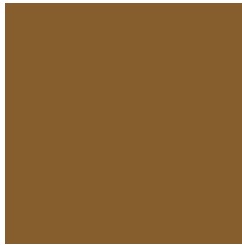
21.6430, 8.0483, -44.4259



1.7454, -0.3537, -1.4181

Previews

White Background



This preview shows how the HunterLab color 36.4187, 6.3949, 18.5112 looks on a white background.

Color Contrast Check

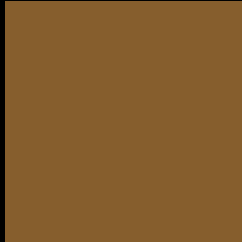
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4187, 6.3949, 18.5112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

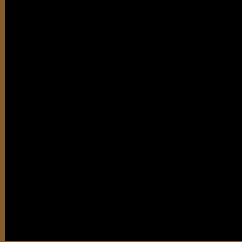
Any Text WCAG AA × Fail

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 36.4187, 6.3949, 18.5112 Background



This preview shows how black text looks on a background with the HunterLab color 36.4187, 6.3949, 18.5112.



This preview shows how white text looks on a background with the HunterLab color 36.4187, 6.3949,

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

36.4187, 6.3949, 18.5112

Protanopia

36.3687, -4.2827, 17.7766

Deuteranopia

36.3913, 2.4433, 18.5847



Tritanopia

36.4546, 14.3257, 5.1057

Trichromacy



Original Color

36.4187, 6.3949, 18.5112

Protanomaly

36.3234, -0.3689, 17.9861

Deuteranomaly

36.4601, 3.9688, 18.6611

Tritanomaly

36.4036, 10.9914, 11.1889

Monochromacy



Original Color

36.4187, 6.3949, 18.5112

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.7202, -0.0568, 9.4123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4187, 6.3949, 18.5112 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(134, 94, 45)` looks like.

```
.text, #text, p{  
    color:rgb(134, 94, 45)  
}
```

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(134, 94, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 94, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4187, 6.3949, 18.5112 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(134, 94, 45) }
```


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

```
.border{ border-color:rgb(134, 94, 45) }
```

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

Here you see how a box with a 4 pixel rgb(134, 94, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 94, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 94, 45);  
box-shadow:4px 4px 4px 4px rgb(134, 94,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4187, 6.3949, 18.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 94, 45) }
```

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

```
.background{ background-color: rgb(134, 94,  
45) }
```

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