

Converting Colors

HunterLab(60.9981, 28.6032,
38.0245)

Have a look what the booklet for
HunterLab(60.9981, 28.6032,
38.0245) contains.

HunterLab(60.9334, 28.8960, 37.9969)	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(60.9334, 28.8960,
37.9969)**

Conversions

Conversions Part 1

Format	Color
Hex	F48902
RGB	244, 137, 2
RGB Percent	96%, 54%, 1%
CMY	0.0431, 0.4627, 0.9921
CMYK	0.00, 0.44, 0.99, 0.04
HSL	33°, 98%, 48%
HSV	33°, 99%, 96%
XYZ	46.2648, 37.1288, 4.7855
YIQ	153.6030, 107.1070, -19.3010

Conversions

Conversions Part 2

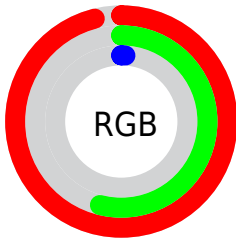
Format	Color
R_{YB}	194, 244, 2
Decimal	16025858
CIE _{Lab}	67.38, 33.94, 73.17
CIE _{LCh}	67, 80.656, 65.113
Yxy	37.1308, 0.5247, 0.4211
Android (android.graphics.Color)	4294215938 (0xFFFF48902)
YUV	153.6030, -74.7403, 79.2782
Hunter-Lab	60.9334, 28.8960, 37.9969

Details

The HunterLab color **60.9334, 28.8960, 37.9969** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **41.8116, 19.9949, -95.2507**, and the grayscale version is **56.9493, -3.0387, 3.0942**.

A 20% lighter version of the original color is **76.8219, 7.5469, 42.4693**, and **40.5947, 27.3837, 25.4937** is the 20% darker color. If you saturate the color by 10%, you get **60.7246, 29.3277, 37.9316**, and if you desaturate by 10%, it is **63.5807, 23.6511, 38.6583**.

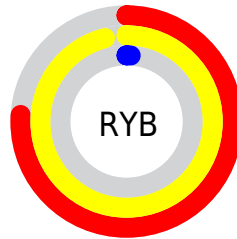
Distribution



Red (96%)

Green (54%)

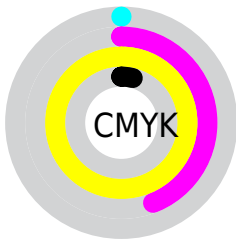
Blue (1%)



Red (76%)

Yellow (96%)

Blue (1%)

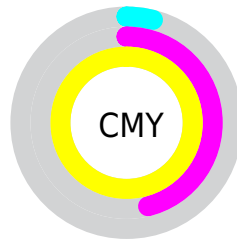


Cyan (0%)

Magenta (44%)

Yellow (99%)

Black (4%)



Cyan (4%)

Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.9334, 28.8960, 37.9969 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 60.9334, 28.8960, 37.9969 by changing the saturation by 10% instead.

60.9334, 28.8960,
37.9969

60.9334, 28.8960,
37.9969

182.7228, 34.4293,
77.0924

50.3078, 27.8476,
32.7808

84.1272, 30.6719,
47.7637

40.3822, 26.6867,
27.3935

96.6249, 31.4253,
52.3572

31.2119, 25.3983,
21.8483

109.6867, 32.0975,
56.7874

22.8651, 23.9748,
16.0056

123.2891, 32.6947,
61.0740

15.4328, 22.4258,
10.8030

137.4116, 33.2222,
65.2340

9.0358, 20.8962,
6.3251

152.0355, 33.6844,

0.0000, INF, NaN

69.2822

0.0000, NaN, NaN

167.1443, 34.0856,
73.2314

0.0000, NaN, NaN

60.9334, 28.8960,
37.9969

60.9334, 28.8960,
37.9969

60.7246, 29.3277,
37.9316

63.5807, 23.6511,
38.6583

66.4255, 18.7286,
38.4831

69.4681, 14.2103,
37.3412

72.6997, 10.1322,
35.2225

76.1099, 6.5073,
32.1554

■ 79.6876, 3.3336,
28.1894

■ 83.4217, 0.5981,
23.3847

■ 87.3016, -1.7183,
17.8050

■ 91.3172, -3.6391,
11.5141

Harmonies

Analogous

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



60.9350, 64.7786, 30.4338



60.9334, 28.8960, 37.9969



60.9350, -9.3346, 39.2772

Triad

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



60.9350, 28.8919, 37.9975



60.9350, -58.2413, -2.8841



60.9350, 42.1734, -79.5125

Complementary

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



60.9334, 28.8960, 37.9969



41.8116, 19.9949, -95.2507

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.



60.9350, 3.0736, -106.3577



60.9334, 28.8960, 37.9969



60.9350, -50.3805, -48.3832

Square

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



60.9350, 28.8919, 37.9975



60.9350, -54.4147, 25.1205



60.9350, -29.8678, -92.5089



60.9350, 73.6163, -31.6460

Rectangle

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



60.9334, 28.8960, 37.9969



60.9350, -30.0715, 37.9709



60.9350, -29.8678, -92.5089



60.9350, 29.1900, -92.2579

Sweetspot

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



60.9350, 28.8919, 37.9975



87.3503, 0.8678, 25.0720



45.1909, 79.6776, 9.5464



39.6384, 0.9461, 12.6204

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.9350, 28.8919, 37.9975



63.7826, 30.9705, 39.8448



90.4678, -28.8699, 55.2026



42.4452, -1.6687, 5.4552



45.0863, 20.9512, 28.1487



14.1114, 4.6394, 8.7766

Inverse Universe

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



41.8116, 19.9949, -95.2507



43.5583, 21.8233, -101.5544



25.8253, 69.0831, -179.3691



41.3916, -2.6415, -1.1017



31.0354, 14.2406, -69.5330



10.2366, 2.1081, -17.3457

Previews

White Background



This preview shows how the HunterLab color 60.9334, 28.8960, 37.9969 looks on a white 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

Black Background



This preview shows how the HunterLab color 60.9334, 28.8960, 37.9969 looks on a black 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

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

HunterLab 60.9334, 28.8960, 37.9969 Background



This preview shows how black text looks on a background with the HunterLab color 60.9334, 28.8960, 37.9969.



This preview shows how white text looks on a background with the HunterLab color 60.9334, 28.8960,

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

60.9334, 28.8960, 37.9969

Protanopia

61.1554, -8.2761, 36.8972

Deuteranopia

60.9810, 4.2245, 37.6502



Tritanopia

60.9065, 43.1740, 15.6118

Trichromacy



Original Color

60.9334, 28.8960, 37.9969

Protanomaly

60.6112, 4.4449, 37.0537

Deuteranomaly

60.7200, 13.0095, 37.6151

Tritanomaly

60.5763, 36.0057, 29.1318

Monochromacy



Original Color

60.9334, 28.8960, 37.9969

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.1362, 4.1557, 23.0305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.9334, 28.8960, 37.9969 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(244, 137, 2)` looks like.

```
.text, #text, p{  
    color:rgb(244, 137, 2)  
}
```

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(244, 137, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 137, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 60.9334, 28.8960, 37.9969 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(244, 137, 2) }
```


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

```
.border{ border-color:rgb(244, 137, 2) }
```

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

Here you see how a box with a 4 pixel rgb(244, 137, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 137, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 137, 2);  
box-shadow:4px 4px 4px 4px rgb(244, 137,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.9334, 28.8960, 37.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 137, 2) }
```

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

```
.background{ background-color: rgb(244,  
137, 2) }
```

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