

Converting Colors

HunterLab(61.8195, 32.8244,
37.4242)

Have a look what the booklet for
HunterLab(61.8195, 32.8244,
37.4242) contains.

HunterLab(61.8195, 32.8244, 37.4242)	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(61.8195, 32.8244,
37.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	FB881F
RGB	251, 136, 31
RGB Percent	98%, 53%, 12%
CMY	0.0157, 0.4666, 0.8784
CMYK	0.00, 0.46, 0.88, 0.02
HSL	29°, 96%, 55%
HSV	29°, 88%, 98%
XYZ	48.8352, 38.2165, 6.0990
YIQ	158.4150, 102.2450, -8.2750

Conversions

Conversions Part 2

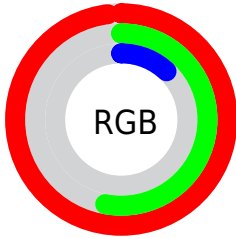
Format	Color
RYB	251, 232, 31
Decimal	16484383
CIELab	68.18, 37.62, 68.61
CIELCh	68, 78.250, 61.265
Yxy	38.2186, 0.5242, 0.4103
Android (android.graphics.Color)	4294674463 (0xFFFB881F)
YUV	158.4150, -62.8156, 81.1970
Hunter-Lab	61.8195, 32.8244, 37.4242

Details

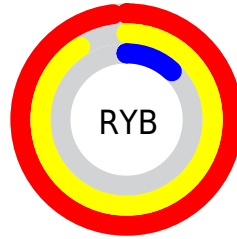
The HunterLab color **61.8195, 32.8244, 37.4242** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **52.7381, 3.3451, -70.0489**, and the grayscale version is **58.8632, -3.1408, 3.1981**.

A 20% lighter version of the original color is **76.6756, 8.7909, 40.2619**, and **41.1162, 30.7796, 25.8745** is the 20% darker color. If you saturate the color by 10%, you get **58.8729, 39.1250, 36.7914**, and if you desaturate by 10%, it is **65.0622, 26.7946, 37.1384**.

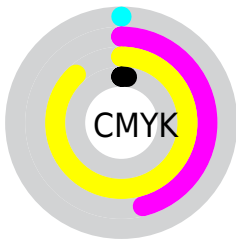
Distribution



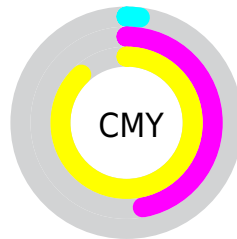
- Red (98%)
- Green (53%)
- Blue (12%)



- Red (98%)
- Yellow (91%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (88%)
- Black (2%)



- Cyan (2%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8195, 32.8244, 37.4242 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 61.8195, 32.8244, 37.4242 by changing the saturation by 10% instead.

61.8195, 32.8244,
37.4242

61.8195, 32.8244,
37.4242

183.9991, 39.4892,
74.2477

51.1394, 31.6369,
32.5095

85.1135, 34.8711,
46.6097

41.1554, 30.3362,
27.3515

97.6576, 35.7559,
50.9292

31.9219, 28.9095,
22.3453

110.7638, 36.5566,
55.0973

23.5056, 27.3545,
16.4540

124.4089, 37.2793,
59.1331

15.9955, 25.6932,
11.1968

138.5724, 37.9295,
63.0530

9.5178, 24.0461,
6.6624

153.2361, 38.5118,

0.0000, INF, NaN

66.8711

0.0000, NaN, NaN

168.3833, 39.0305,
70.5992

0.0000, NaN, NaN

■ 61.8195, 32.8244,
37.4242

■ 61.8195, 32.8244,
37.4242

■ 58.8729, 39.1250,
36.7914

■ 65.0622, 26.7946,
37.1384

■ 58.2188, 40.6133,
36.5851

■ 68.5815, 21.1559,
35.8651

■ 72.3596, 15.9601,
33.6260

■ 76.3765, 11.2302,
30.4785

■ 80.6122, 6.9667,
26.4964

85.0482, 3.1551,
21.7582

89.6671, -0.2280,
16.3405

94.4535, -3.2109,
10.3146

99.3314, -6.1640,
4.6291

Harmonies

Analogous

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



61.8212, 66.0493, 28.3667



61.8195, 32.8244, 37.4242



61.8212, -4.7927, 39.3649

Triad

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



61.8212, 32.8201, 37.4249



61.8212, -57.5668, 1.9232



61.8212, 36.0040, -81.1442

Complementary

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



61.8195, 32.8244, 37.4242



52.7381, 3.3451, -70.0489

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.



61.8212, -1.7970, -102.2032



61.8195, 32.8244, 37.4242



61.8212, -51.2693, -40.3843

Square

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



61.8212, 32.8201, 37.4249



61.8212, -52.2600, 27.0496



61.8212, -32.6594, -84.2098



61.8212, 68.1587, -36.4068

Rectangle

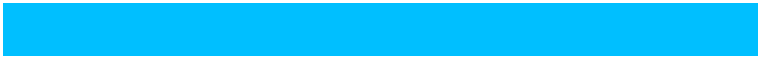
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8195, 32.8244, 37.4242



61.8212, -26.0375, 38.3584



61.8212, -32.6594, -84.2098



61.8212, 23.2833, -92.0754

Sweetspot

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



61.8212, 32.8201, 37.4249



87.3434, 2.6235, 21.3014



48.6190, 82.4993, -2.9331



39.6696, 1.8012, 10.6850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8212, 32.8201, 37.4249



59.2522, 41.4054, 37.2358



92.2543, -21.5907, 55.6353



43.1184, -1.2393, 5.2861



42.5488, 28.6308, 26.7196



13.7388, 6.8965, 8.5865

Inverse Universe

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



52.7381, 3.3451, -70.0489



49.0656, 10.4588, -83.9052



29.4353, 61.7769, -164.6134



42.5963, -3.1632, -0.7903



35.3774, 6.6089, -58.4853



11.7112, 0.2940, -15.2727

Previews

White Background



This preview shows how the HunterLab color 61.8195, 32.8244, 37.4242 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 61.8195, 32.8244, 37.4242 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 61.8195, 32.8244, 37.4242 Background



This preview shows how black text looks on a background with the HunterLab color 61.8195, 32.8244, 37.4242.



This preview shows how white text looks on a background with the HunterLab color 61.8195, 32.8244,

37.4242.

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

61.8195, 32.8244, 37.4242

Protanopia

61.9263, -8.4120, 36.1737

Deuteranopia

61.9086, 4.5440, 37.9241



Tritanopia

61.8193, 45.6399, 16.5523

Trichromacy



Original Color

61.8195, 32.8244, 37.4242

Protanomaly

61.3237, 5.5790, 36.2713

Deuteranomaly

61.6645, 14.7630, 37.7056

Tritanomaly

61.5775, 40.2521, 27.5225

Monochromacy



Original Color

61.8195, 32.8244, 37.4242

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.4714, 6.2599, 20.5955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8195, 32.8244, 37.4242 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(251, 136, 31)` looks like.

```
.text, #text, p{  
    color:rgb(251, 136, 31)  
}
```

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(251, 136, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 136, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8195, 32.8244, 37.4242 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(251, 136, 31) }
```


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

```
.border{ border-color:rgb(251, 136, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 136, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 136, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 136, 31);  
box-shadow:4px 4px 4px 4px rgb(251, 136,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8195, 32.8244, 37.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 136, 31) }
```

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

```
.background{ background-color: rgb(251,  
136, 31) }
```

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