

# Converting Colors

HunterLab(61.2497, 31.8147,  
32.0274)

Have a look what the booklet for  
HunterLab(61.2497, 31.8147,  
32.0274) contains.

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# Color

**HunterLab(61.2497, 31.8147,  
32.0274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5884A
RGB	245, 136, 74
RGB Percent	96%, 53%, 29%
CMY	0.0392, 0.4666, 0.7098
CMYK	0.00, 0.44, 0.70, 0.04
HSL	22°, 90%, 63%
HSV	22°, 70%, 96%
XYZ	47.6964, 37.5153, 11.2059
YIQ	161.5230, 84.8660, 3.8260

# Conversions

## Conversions Part 2

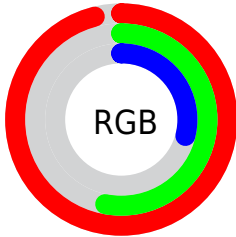
Format	Color
R <sub>Y</sub> B	245, 171, 74
Decimal	16091210
CIE Lab	67.66, 36.72, 50.52
CIE LCh	68, 62.452, 53.992
Yxy	37.5172, 0.4947, 0.3891
Android (android.graphics.Color)	4294281290 (0xFFFF5884A)
YUV	161.5230, -43.1488, 73.2093
Hunter-Lab	61.2497, 31.8147, 32.0274

# Details

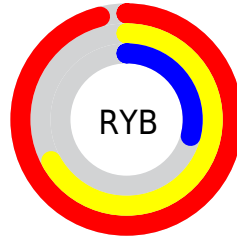
The HunterLab color **61.2497, 31.8147, 32.0274** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **64.7402, -13.3816, -39.4548**, and the grayscale version is **60.0615, -3.2047, 3.2633**.

A 20% lighter version of the original color is **77.1800, 11.4610, 32.8539**, and **40.5880, 29.5218, 24.2646** is the 20% darker color. If you saturate the color by 10%, you get **57.5897, 38.6487, 33.1140**, and if you desaturate by 10%, it is **65.2979, 25.2845, 30.0736**.

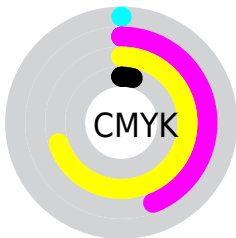
# Distribution



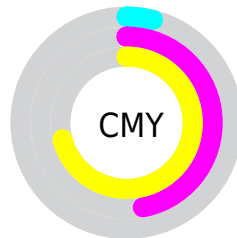
- Red (96%)
- Green (53%)
- Blue (29%)



- Red (96%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.2497, 31.8147, 32.0274 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 61.2497, 31.8147, 32.0274 by changing the saturation by 10% instead.



61.2497, 31.8147,  
32.0274

61.2497, 31.8147,  
32.0274

183.1787, 38.2264,  
60.2967

50.6046, 30.6575,  
28.2879

84.4793, 33.8022,  
39.0043

40.6581, 29.3866,  
24.3334

96.9937, 34.6579,  
42.2940

31.4651, 27.9888,  
20.1250

110.0713, 35.4298,  
45.4791

23.0934, 26.4611,  
16.1654

123.6891, 36.1244,  
48.5753

15.6332, 24.8233,  
10.9432

137.8262, 36.7468,  
51.5953

9.2107, 23.2110,  
6.4475

152.4643, 37.3020,

0.0000, INF, NaN

54.5500

0.0000, NaN, NaN

167.5869, 37.7939,  
57.4479

0.0000, NaN, NaN

■ 61.2497, 31.8147,  
32.0274

■ 61.2497, 31.8147,  
32.0274

■ 57.5897, 38.6487,  
33.1140

■ 65.2979, 25.2845,  
30.0736

■ 54.3507, 45.6486,  
33.2864

■ 69.6906, 19.1547,  
27.3354


■ 51.5604, 52.5554,  
32.6748


■ 74.3923, 13.4575,  
23.9109


■ 51.5077, 52.6922,  
32.6612

■ 79.3694, 8.1968,  
19.8941

■ 84.5921, 3.3563,  
15.3699

 90.0343, -1.0914,  
10.4111

 95.6734, -5.1791,  
5.0790

 99.0719, -8.5795,  
4.2790

# Harmonies

## Analogous

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



61.2513, 54.2698, 20.7564



61.2497, 31.8147, 32.0274



61.2513, 2.4829, 35.5751

# Triad

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



61.2513, 31.8107, 32.0282



61.2513, -48.2482, 8.4701



61.2513, 20.2631, -64.5948

# Complementary

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



61.2497, 31.8147, 32.0274



64.7402, -13.3816, -39.4548

# 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.



61.2513, -8.8210, -72.8918



61.2497, 31.8147, 32.0274



61.2513, -45.2043, -21.4406

# Square

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



61.2513, 31.8107, 32.0282



61.2513, -41.1130, 26.4949



61.2513, -31.8904, -54.4612



61.2513, 46.8067, -35.1977



# Rectangle

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



61.2497, 31.8147, 32.0274



61.2513, -15.7862, 35.1651



61.2513, -31.8904, -54.4612



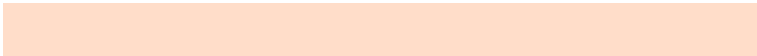
61.2513, 10.3364, -70.3693

# Sweetspot

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



61.2513, 31.8107, 32.0282



87.8302, 4.1224, 16.7028



52.7441, 73.1132, -17.9083



39.9272, 2.5427, 8.3486

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.2513, 31.8107, 32.0282



58.7255, 43.6488, 34.8509



84.1145, -10.7173, 47.0765



41.7926, -0.5667, 4.7495



38.1207, 37.8167, 24.1519



12.1051, 9.1341, 7.6190



# Inverse Universe

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



64.7402, -13.3816, -39.4548



62.6591, -10.6776, -51.0974



41.3475, 30.5150, -97.8598



42.0573, -3.7324, -0.2901



40.8192, -3.9410, -42.5130



12.8811, -2.3945, -10.9314



# Previews

## White Background



This preview shows how the HunterLab color 61.2497, 31.8147, 32.0274 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 61.2497, 31.8147, 32.0274 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 61.2497, 31.8147, 32.0274 Background



This preview shows how black text looks on a background with the HunterLab color 61.2497, 31.8147, 32.0274.



This preview shows how white text looks on a background with the HunterLab color 61.2497, 31.8147,



# 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

61.2497, 31.8147, 32.0274

### Protanopia

61.3205, -6.7530, 29.7546

### Deuteranopia

61.2558, 4.4321, 32.3736



## Tritanopia

61.3802, 42.3657, 15.3379

# Trichromacy



## Original Color

61.2497, 31.8147, 32.0274

## Protanomaly

60.6731, 6.9630, 30.0919

## Deuteranomaly

60.9635, 14.5323, 32.0222

## Tritanomaly

61.3977, 38.0839, 22.8369

# Monochromacy



## Original Color

61.2497, 31.8147, 32.0274

## Achromatopsia

60.1088, -3.2073, 3.2658

## Achromatomaly

59.6663, 6.7496, 15.8983

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.2497, 31.8147, 32.0274 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(245, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(245, 136, 74)  
}
```

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(245, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 136, 74) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.2497, 31.8147, 32.0274 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(245, 136, 74) }
```



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

```
.border{ border-color:rgb(245, 136, 74) }
```

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

Here you see how a box with a 4 pixel rgb(245, 136, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(245, 136,  
74) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.2497, 31.8147, 32.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 136, 74) }
```

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

```
.background{ background-color: rgb(245,  
136, 74) }
```

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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