

# Converting Colors

HunterLab(59.9246, 31.7654,  
32.6791)

Have a look what the booklet for  
HunterLab(59.9246, 31.7654,  
32.6791) contains.

<b>HunterLab(60.0187, 31.5690, 32.7443)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(60.0187, 31.5690,  
32.7443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F28540
RGB	242, 133, 64
RGB Percent	95%, 52%, 25%
CMY	0.0510, 0.4784, 0.7490
CMYK	0.00, 0.45, 0.74, 0.05
HSL	23°, 87%, 60%
HSV	23°, 74%, 95%
XYZ	45.9309, 36.0224, 9.3827
YIQ	157.7250, 87.1130, 1.6490

# Conversions

## Conversions Part 2

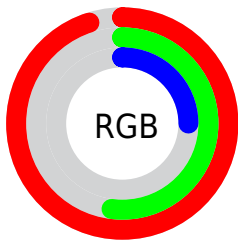
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 177, 64
Decimal	15893824
CIE <sub>Lab</sub>	66.54, 36.60, 53.97
CIE <sub>LCh</sub>	67, 65.207, 55.856
Yxy	36.0244, 0.5029, 0.3944
Android (android.graphics.Color)	4294083904 (0xFFFF28540)
YUV	157.7250, -46.2064, 73.9092
Hunter-Lab	60.0187, 31.5690, 32.7443

# Details

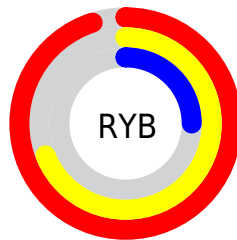
The HunterLab color **60.0187, 31.5690, 32.7443** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **61.1438, -10.4186, -43.9627**, and the grayscale version is **58.5201, -3.1225, 3.1795**.

A 20% lighter version of the original color is **76.1830, 12.1941, 34.5340**, and **39.6959, 28.9603, 24.5814** is the 20% darker color. If you saturate the color by 10%, you get **56.5954, 38.1493, 33.4571**, and if you desaturate by 10%, it is **63.8045, 25.2852, 31.1386**.

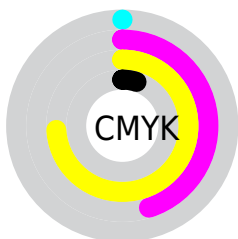
# Distribution



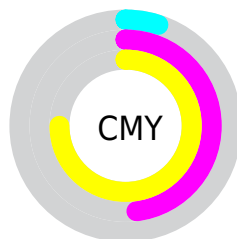
- Red (95%)
- Green (52%)
- Blue (25%)



- Red (95%)
- Yellow (69%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (48%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0187, 31.5690, 32.7443 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 60.0187, 31.5690, 32.7443 by changing the saturation by 10% instead.



60.0187, 31.5690,  
32.7443

60.0187, 31.5690,  
32.7443

181.4020, 38.0216,  
62.7455

49.4500, 30.4037,  
28.7497

83.1082, 33.5699,  
40.1847

39.5854, 29.1236,  
24.5250

95.5575, 34.4310,  
43.6855

30.4811, 27.7158,  
20.1086

108.5730, 35.2078,  
47.0697

22.2068, 26.1783,  
15.5448

122.1311, 35.9066,  
50.3544

14.8563, 24.5356,  
10.3994

136.2108, 36.5328,  
53.5536

8.5080, 23.2795,  
5.9556

150.7934, 37.0914,

0.0000, INF, NaN

56.6790

0.0000, NaN, NaN

165.8622, 37.5864,  
59.7402

0.0000, NaN, NaN

■ 60.0187, 31.5690,  
32.7443

■ 60.0187, 31.5690,  
32.7443

■ 56.5954, 38.1493,  
33.4571

■ 63.8045, 25.2852,  
31.1386

■ 53.5610, 44.8914,  
33.2644

■ 67.9146, 19.3947,  
28.7030

■ 51.8170, 49.1939,  
32.7906

■ 72.3180, 13.9324,  
25.5251

■ 76.9842, 8.9054,  
21.6954

■ 81.8860, 4.3008,  
17.2990

86.9993, 0.0938,  
12.4117

92.3028, -3.7460,  
7.0989

97.6921, -7.7257,  
2.6440

98.8014, -9.5308,  
3.9406

# Harmonies

## Analogous

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



60.0203, 55.9481, 22.1628



60.0187, 31.5690, 32.7443



60.0203, 0.8947, 35.8111

# Triad

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



60.0203, 31.5650, 32.7450



60.0203, -49.4640, 6.9904



60.0203, 23.2160, -67.1446

# Complementary

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



60.0187, 31.5690, 32.7443



61.1438, -10.4186, -43.9627

# 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.



60.0203, -7.1990, -77.8332



60.0187, 31.5690, 32.7443



60.0203, -45.7385, -24.9118

# Square

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



60.0203, 31.5650, 32.7450



60.0203, -42.8716, 26.1331



60.0203, -31.5105, -59.6447



60.0203, 50.5187, -34.9763



# Rectangle

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



60.0187, 31.5690, 32.7443



60.0203, -17.7500, 35.2379



60.0203, -31.5105, -59.6447



60.0203, 12.8706, -73.8714

# Sweetspot

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



60.0203, 31.5650, 32.7450



87.6963, 3.8724, 17.6163



50.5876, 74.0258, -14.3258



39.9029, 2.3785, 8.7722

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.0203, 31.5650, 32.7450



58.4965, 43.8356, 35.5266



84.3109, -13.1864, 48.3099



40.9435, -0.6963, 4.7269



38.3015, 35.2026, 24.2175



11.8655, 8.0983, 7.4532

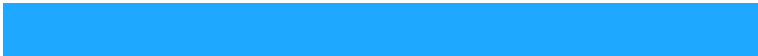


# Inverse Universe

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



61.1438, -10.4186, -43.9627



59.5923, -6.6178, -57.5232



37.3650, 36.7081, -109.6287



41.0367, -3.5098, -0.3791



38.8919, -1.7369, -44.8621



12.0447, -1.8365, -11.0904



# Previews

## White Background



This preview shows how the HunterLab color 60.0187, 31.5690, 32.7443 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 60.0187, 31.5690, 32.7443 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 60.0187, 31.5690, 32.7443 Background



This preview shows how black text looks on a background with the HunterLab color 60.0187, 31.5690, 32.7443.



This preview shows how white text looks on a background with the HunterLab color 60.0187, 31.5690,



# 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

60.0187, 31.5690, 32.7443

### Protanopia

60.0208, -7.0581, 30.6344

### Deuteranopia

60.0943, 4.5827, 33.1606



## Tritanopia

59.9844, 42.7528, 15.4174

# Trichromacy



## Original Color

60.0187, 31.5690, 32.7443

## Protanomaly

59.3902, 6.6735, 30.9282

## Deuteranomaly

59.6957, 14.2714, 32.7881

## Tritanomaly

59.9624, 38.3591, 23.3144

# Monochromacy



## Original Color

60.0187, 31.5690, 32.7443

## Achromatopsia

58.4734, -3.1200, 3.1770

## Achromatomaly

58.1111, 6.9574, 16.4739

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.0187, 31.5690, 32.7443 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(242, 133, 64)` looks like.

```
.text, #text, p{  
    color:rgb(242, 133, 64)  
}
```

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(242, 133, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 133, 64) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.0187, 31.5690, 32.7443 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(242, 133, 64) }
```



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

```
.border{ border-color:rgb(242, 133, 64) }
```

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

Here you see how a box with a 4 pixel rgb(242, 133, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 133, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 133, 64);  
box-shadow:4px 4px 4px 4px rgb(242, 133,  
64) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.0187, 31.5690, 32.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 133, 64) }
```

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

```
.background{ background-color: rgb(242,  
133, 64) }
```

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