

# Converting Colors

HunterLab(66.7729, 54.0004,  
38.2400)

Have a look what the booklet for  
HunterLab(66.7729, 54.0004,  
38.2400) contains.

<b>HunterLab(61.0629, 39.0256, 34.1590)</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(61.0629, 39.0256,  
34.1590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF813C
RGB	255, 129, 60
RGB Percent	100%, 51%, 24%
CMY	0.0000, 0.4941, 0.7647
CMYK	0.00, 0.49, 0.76, 0.00
HSL	21°, 100%, 62%
HSV	21°, 76%, 100%
XYZ	49.9059, 37.2868, 8.8417
YIQ	158.8080, 97.2450, 5.2530

# Conversions

## Conversions Part 2

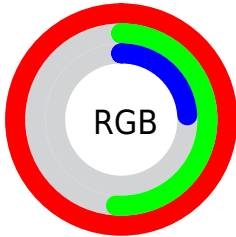
Format	Color
R <sub>Y</sub> B	255, 167, 60
Decimal	16744764
CIE Lab	67.49, 43.49, 57.34
CIE LCh	67, 71.971, 52.822
Yxy	37.2888, 0.5197, 0.3883
Android (android.graphics.Color)	4294934844 (0xFFFF813C)
YUV	158.8080, -48.7123, 84.3604
Hunter-Lab	61.0629, 39.0256, 34.1590

# Details

The HunterLab color **61.0629, 39.0256, 34.1590** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **65.7995, -13.4982, -44.9387**, and the grayscale version is **58.9693, -3.1465, 3.2039**.

A 20% lighter version of the original color is **75.2919, 13.4484, 34.7873**, and **40.6404, 36.0379, 25.6314** is the 20% darker color. If you saturate the color by 10%, you get **57.5191, 46.4043, 34.6559**, and if you desaturate by 10%, it is **65.0560, 31.8445, 32.7164**.

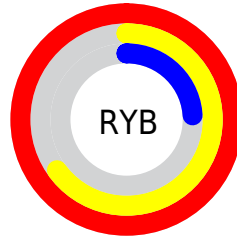
# Distribution



Red (100%)

Green (51%)

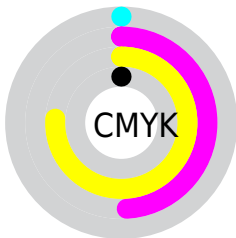
Blue (24%)



Red (100%)

Yellow (65%)

Blue (24%)

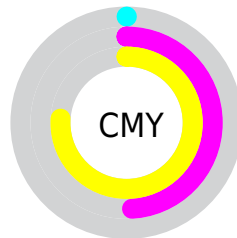


Cyan (0%)

Magenta (49%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0629, 39.0256, 34.1590 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 61.0629, 39.0256, 34.1590 by changing the saturation by 10% instead.



61.0629, 39.0256,  
34.1590

61.0629, 39.0256,  
34.1590

182.9096, 47.5844,  
65.6794

50.4293, 37.6057,  
29.9592

84.2714, 41.5266,  
41.9871

40.4952, 36.0726,  
25.5241

96.7760, 42.6316,  
45.6698

31.3156, 34.4196,  
20.9547

109.8442, 43.6474,  
49.2282

22.9585, 32.6586,  
16.0710

123.4529, 44.5804,  
52.6801

15.5148, 30.8474,  
10.8604

137.5814, 45.4359,  
56.0399

9.1079, 29.2628,  
6.3755

152.2112, 46.2189,

0.0000, INF, NaN

59.3199

0.0000, NaN, NaN

167.3256, 46.9338,  
62.5302

0.0000, NaN, NaN

■ 61.0629, 39.0256,  
34.1590

■ 61.0629, 39.0256,  
34.1590

■ 57.5191, 46.4043,  
34.6559

■ 65.0560, 31.8445,  
32.7164

■ 54.4570, 53.7658,  
34.2159

■ 69.4509, 25.0178,  
30.3940

■ 53.4908, 56.2772,  
33.9460

■ 74.2067, 18.6184,  
27.2915

■ 79.2839, 12.6755,  
23.5133

■ 84.6468, 7.1868,  
19.1568

90.2641, 2.1312,  
14.3075

96.1086, -2.5225,  
9.0378

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



61.0646, 65.2379, 22.0977



61.0629, 39.0256, 34.1590



61.0646, 4.7008, 37.6996

# Triad

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



61.0646, 39.0212, 34.1598



61.0646, -53.5036, 10.2602



61.0646, 22.7652, -80.1467

# Complementary

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



61.0629, 39.0256, 34.1590



65.7995, -13.4982, -44.9387

# 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.



61.0646, -10.8357, -89.2517



61.0629, 39.0256, 34.1590



61.0646, -50.6404, -24.3445

# Square

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



61.0646, 39.0212, 34.1598



61.0646, -45.3132, 29.3464



61.0646, -36.4658, -65.0449



61.0646, 54.5723, -44.2887



# Rectangle

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



61.0629, 39.0256, 34.1590



61.0646, -16.4522, 37.4385



61.0646, -36.4658, -65.0449



61.0646, 11.1535, -87.0019

# Sweetspot

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



61.0646, 39.0212, 34.1598



86.5687, 5.3852, 17.5262



52.9802, 81.8038, -18.3780



39.1253, 3.3599, 8.8934

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.0646, 39.0212, 34.1598



55.7641, 50.4970, 34.5219



87.0878, -10.6007, 50.5668



43.6333, -0.5323, 4.9400



38.9929, 39.7821, 24.7237



12.9502, 10.3605, 8.1612



# Inverse Universe

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



65.7995, -13.4982, -44.9387



60.7208, -8.9717, -55.1196



39.2013, 38.4343, -118.2598



43.9730, -3.9569, -0.2769



42.5210, -4.7876, -42.8126



14.0228, -2.6729, -11.7571



# Previews

## White Background



This preview shows how the HunterLab color 61.0629, 39.0256, 34.1590 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 61.0629, 39.0256, 34.1590 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 61.0629, 39.0256, 34.1590 Background



This preview shows how black text looks on a background with the HunterLab color 61.0629, 39.0256, 34.1590.



This preview shows how white text looks on a background with the HunterLab color 61.0629, 39.0256,



# 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

61.0629, 39.0256, 34.1590

### Protanopia

61.1717, -7.5780, 31.9449

### Deuteranopia

60.9481, 4.5207, 34.4746



## Tritanopia

61.1075, 46.7474, 17.2920

# Trichromacy



## Original Color

61.0629, 39.0256, 34.1590

## Protanomaly

60.3367, 8.3273, 32.2601

## Deuteranomaly

60.5648, 16.9387, 34.0779

## Tritanomaly

61.0101, 43.3300, 25.1015

# Monochromacy



## Original Color

61.0629, 39.0256, 34.1590

## Achromatopsia

58.8816, -3.1418, 3.1991

## Achromatomaly

58.3774, 9.1798, 17.1008

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.0629, 39.0256, 34.1590 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(255, 129, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 60)  
}
```

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(255, 129, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.0629, 39.0256, 34.1590 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(255, 129, 60) }
```



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

```
.border{ border-color:rgb(255, 129, 60) }
```

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

Here you see how a box with a 4 pixel rgb(255, 129, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
60) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.0629, 39.0256, 34.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 60) }
```

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

```
.background{ background-color: rgb(255,  
129, 60) }
```

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