

Converting Colors

HunterLab(60.9985, 34.5179,
33.2617)

Have a look what the booklet for
HunterLab(60.9985, 34.5179,
33.2617) contains.

HunterLab(61.0708, 34.6164, 33.3824)	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(61.0708, 34.6164,
33.3824)**

Conversions

Conversions Part 1

Format	Color
Hex	F98541
RGB	249, 133, 65
RGB Percent	98%, 52%, 25%
CMY	0.0235, 0.4784, 0.7451
CMYK	0.00, 0.47, 0.74, 0.02
HSL	22°, 94%, 62%
HSV	22°, 74%, 98%
XYZ	48.4085, 37.2964, 9.6485
YIQ	159.9320, 90.9640, 3.4440

Conversions

Conversions Part 2

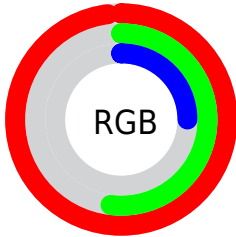
Format	Color
R _Y B	249, 173, 65
Decimal	16352577
CIE Lab	67.50, 39.39, 54.80
CIE LCh	68, 67.484, 54.294
Yxy	37.2984, 0.5077, 0.3911
Android (android.graphics.Color)	4294542657 (0xFFFF98541)
YUV	159.9320, -46.8015, 78.1126
Hunter-Lab	61.0708, 34.6164, 33.3824

Details

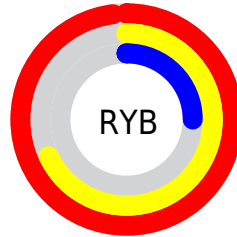
The HunterLab color **61.0708, 34.6164, 33.3824** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **64.0378, -12.2729, -43.7323**, and the grayscale version is **59.4229, -3.1707, 3.2286**.

A 20% lighter version of the original color is **76.4771, 11.7519, 34.5208**, and **40.4300, 31.8834, 25.0499** is the 20% darker color. If you saturate the color by 10%, you get **57.5227, 41.6101, 34.0951**, and if you desaturate by 10%, it is **65.0212, 27.8919, 31.7538**.

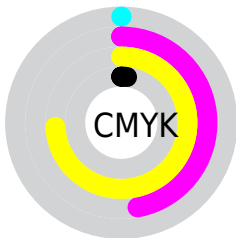
Distribution



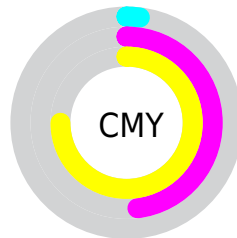
- Red (98%)
- Green (52%)
- Blue (25%)



- Red (98%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (2%)



- Cyan (2%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0708, 34.6164, 33.3824 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 61.0708, 34.6164, 33.3824 by changing the saturation by 10% instead.

61.0708, 34.6164,
33.3824

61.0708, 34.6164,
33.3824

182.9209, 41.8908,
63.6913

50.4367, 33.3523,
29.3523

84.2802, 36.8116,
40.8948

40.5020, 31.9738,
25.0933

96.7851, 37.7677,
44.4312

31.3219, 30.4703,
20.6208

109.8538, 38.6377,
47.8505

22.9642, 28.8437,
16.0750

123.4629, 39.4279,
51.1696

15.5198, 27.1280,
10.8639

137.5917, 40.1437,
54.4026

9.1123, 25.5242,
6.3786

152.2218, 40.7900,

0.0000, INF, NaN

57.5610

0.0000, NaN, NaN

167.3366, 41.3711,
60.6545

0.0000, NaN, NaN

■ 61.0708, 34.6164,
33.3824

■ 61.0708, 34.6164,
33.3824

■ 57.5227, 41.6101,
34.0951

■ 65.0212, 27.8919,
31.7538

■ 54.4074, 48.7086,
33.8776

■ 69.3308, 21.5546,
29.2792

■ 52.7249, 52.9570,
33.4160

■ 73.9638, 15.6520,
26.0539

■ 78.8855, 10.1976,
22.1753

■ 84.0648, 5.1809,
17.7339

89.4744, 0.5773,
12.8090

95.0906, -3.6447,
7.4682

99.4382, -7.2955,
4.7358

Harmonies

Analogous

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



61.0724, 59.4561, 22.0184



61.0708, 34.6164, 33.3824



61.0724, 2.6418, 36.7616

Triad

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



61.0724, 34.6122, 33.3832



61.0724, -51.1094, 8.5840



61.0724, 22.6141, -71.8745

Complementary

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



61.0708, 34.6164, 33.3824



64.0378, -12.2729, -43.7323

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.



61.0724, -8.9496, -81.5774



61.0708, 34.6164, 33.3824



61.0724, -47.8230, -24.1677

Square

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



61.0724, 34.6122, 33.3832



61.0724, -43.7492, 27.6375



61.0724, -33.6913, -61.0078



61.0724, 51.6369, -38.6939

Rectangle

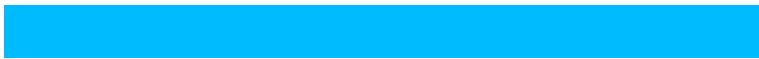
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0708, 34.6164, 33.3824



61.0724, -16.9959, 36.3417



61.0724, -33.6913, -61.0078



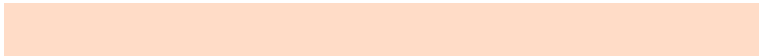
61.0724, 11.8043, -78.5030

Sweetspot

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



61.0724, 34.6122, 33.3832



87.3921, 4.4086, 17.3112



52.2288, 77.2687, -16.4168



39.7462, 2.6571, 8.6181

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.0724, 34.6122, 33.3832



57.3736, 46.5588, 35.0299



86.0718, -12.0884, 49.3803



42.7503, -0.6159, 4.8871



38.8958, 37.8786, 24.6305



12.6343, 9.4765, 7.9511

Inverse Universe

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



64.0378, -12.2729, -43.7323



60.5296, -8.2697, -55.5171



38.9839, 36.6140, -111.6416



42.9732, -3.7791, -0.3321



41.0418, -3.3474, -44.0726



13.2767, -2.2671, -11.7006

Previews

White Background



This preview shows how the HunterLab color 61.0708, 34.6164, 33.3824 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 61.0708, 34.6164, 33.3824 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 61.0708, 34.6164, 33.3824 Background



This preview shows how black text looks on a background with the HunterLab color 61.0708, 34.6164, 33.3824.



This preview shows how white text looks on a background with the HunterLab color 61.0708, 34.6164,

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

61.0708, 34.6164, 33.3824

Protanopia

61.2143, -7.3413, 31.3166

Deuteranopia

61.2709, 4.2801, 33.9562



Tritanopia

61.0501, 45.6246, 16.5135

Trichromacy



Original Color

61.0708, 34.6164, 33.3824

Protanomaly

60.4175, 7.3082, 31.5070

Deuteranomaly

60.8657, 15.3570, 33.4734

Tritanomaly

61.0229, 41.2930, 24.2678

Monochromacy



Original Color

61.0708, 34.6164, 33.3824

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

58.7366, 7.6670, 16.7426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0708, 34.6164, 33.3824 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(249, 133, 65)` looks like.

```
.text, #text, p{  
    color:rgb(249, 133, 65)  
}
```

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(249, 133, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 133, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0708, 34.6164, 33.3824 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(249, 133, 65) }
```


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

```
.border{ border-color:rgb(249, 133, 65) }
```

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

Here you see how a box with a 4 pixel rgb(249, 133, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 133, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 133, 65);  
box-shadow:4px 4px 4px 4px rgb(249, 133,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0708, 34.6164, 33.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 133, 65) }
```

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

```
.background{ background-color: rgb(249,  
133, 65) }
```

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