

Converting Colors

HunterLab(66.5662, 28.1874,
34.5776)

Have a look what the booklet for
HunterLab(66.5662, 28.1874,
34.5776) contains.

HunterLab(66.5662, 28.1876, 34.5776)	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(66.5662, 28.1876,
34.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9851
RGB	255, 152, 81
RGB Percent	100%, 60%, 32%
CMY	0.0000, 0.4039, 0.6823
CMYK	0.00, 0.40, 0.68, 0.00
HSL	24°, 100%, 66%
HSV	24°, 68%, 100%
XYZ	53.9535, 44.3106, 13.4937
YIQ	174.7030, 84.1790, -0.2450

Conversions

Conversions Part 2

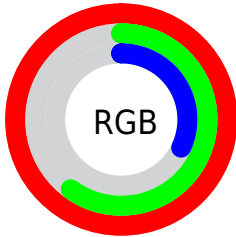
Format	Color
R _Y B	255, 201, 81
Decimal	16750673
CIE Lab	72.44, 32.80, 52.76
CIE LCh	72, 62.129, 58.129
Yxy	44.3129, 0.4828, 0.3965
Android (android.graphics.Color)	4294940753 (0xFFFF9851)
YUV	174.7030, -46.1956, 70.4205
Hunter-Lab	66.5662, 28.1876, 34.5776

Details

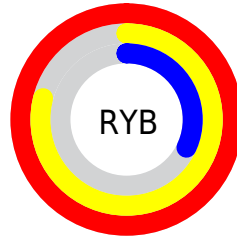
The HunterLab color **66.5662, 28.1876, 34.5776** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **65.7631, -10.3610, -44.9535**, and the grayscale version is **65.5137, -3.4956, 3.5595**.

A 20% lighter version of the original color is **82.2065, 3.3275, 34.7092**, and **45.3272, 26.1531, 26.7816** is the 20% darker color. If you saturate the color by 10%, you get **62.7753, 34.8047, 35.8175**, and if you desaturate by 10%, it is **70.7004, 21.9635, 32.3997**.

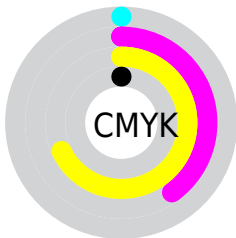
Distribution



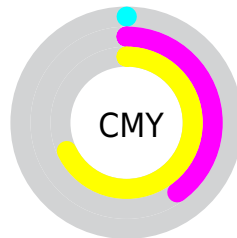
- Red (100%)
- Green (60%)
- Blue (32%)



- Red (100%)
- Yellow (79%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.5662, 28.1876, 34.5776 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 66.5662, 28.1876, 34.5776 by changing the saturation by 10% instead.


 66.5662, 28.1876,
34.5776


 66.5662, 28.1876,
34.5776

190.7835, 33.0188,
63.5066


 55.6027, 27.2406,
30.7803


 90.3816, 29.7786,
41.6891


 45.3159, 26.1875,
26.7781


 103.1680, 30.4472,
45.0516


 35.7558, 25.0129,
22.5345


 116.5062, 31.0390,
48.3113

 26.9824, 23.7057,
18.4017

 130.3743, 31.5596,
51.4830

 19.0739, 22.2612,
13.3517

 144.7528, 32.0139,
54.5789

 12.1379, 20.7056,
8.4965

159.6241, 32.4061,

 5.1943, 27.8922,

57.6094

3.6360

174.9725, 32.7399,
60.5829

0.0000, INF, NaN

0.0000, NaN, NaN

■ 66.5662, 28.1876,
34.5776

■ 66.5662, 28.1876,
34.5776

■ 62.7753, 34.8047,
35.8175

■ 70.7004, 21.9635,
32.3997

■ 59.3536, 41.7242,
36.0767

■ 75.1410, 16.1964,
29.3598

■ 56.3277, 48.7627,
35.4264


■ 79.8594, 10.8980,
25.5504

■ 55.8326, 49.9849,
35.2789

■ 84.8277, 6.0602,
21.0633

■ 90.0211, 1.6605,

15.9831

 95.4174, -2.3313,
10.3852

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.



66.5679, 52.4794, 23.9366



66.5662, 28.1876, 34.5776



66.5679, -1.7427, 37.6474

Triad

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



66.5679, 28.1835, 34.5784



66.5679, -50.2454, 5.3160



66.5679, 24.5310, -61.3440

Complementary

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



66.5662, 28.1876, 34.5776



65.7631, -10.3610, -44.9535

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.



66.5679, -5.3490, -73.1638



66.5662, 28.1876, 34.5776



66.5679, -45.5906, -26.2049

Square

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



66.5679, 28.1835, 34.5784



66.5679, -44.2604, 25.8209



66.5679, -30.2760, -58.2055



66.5679, 50.1317, -30.5089

Rectangle

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



66.5662, 28.1876, 34.5776



66.5679, -19.8814, 36.7101



66.5679, -30.2760, -58.2055



66.5679, 14.5132, -68.1275

Sweetspot

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



66.5679, 28.1835, 34.5784



89.0891, 2.4068, 16.9198



55.3758, 73.8751, -13.9653



40.5362, 1.6755, 8.5019

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5679, 28.1835, 34.5784



61.4418, 37.3829, 36.0303



90.9781, -15.6256, 50.7133



43.8226, -0.8539, 5.1458



40.6990, 35.2496, 25.6957



13.4948, 9.0274, 8.4735

Inverse Universe

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



65.7631, -10.3610, -44.9535



60.3525, -6.5807, -55.8684



42.1665, 35.6322, -106.4199



43.7783, -3.6399, -0.5127



39.5328, 0.1690, -49.7775



13.1782, -1.3494, -13.5587

Previews

White Background



This preview shows how the HunterLab color 66.5662, 28.1876, 34.5776 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 66.5662, 28.1876, 34.5776 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 66.5662, 28.1876, 34.5776 Background



This preview shows how black text looks on a background with the HunterLab color 66.5662, 28.1876, 34.5776.



This preview shows how white text looks on a background with the HunterLab color 66.5662, 28.1876,

34.5776.

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

66.5662, 28.1876, 34.5776

Protanopia

66.6576, -7.5292, 32.5357

Deuteranopia

66.5462, 5.1789, 34.8405



Tritanopia

66.4967, 38.0334, 13.5970

Trichromacy



Original Color

66.5662, 28.1876, 34.5776

Protanomaly

66.2972, 4.5494, 33.0581

Deuteranomaly

66.3838, 13.1020, 34.6972

Tritanomaly

66.3512, 33.9798, 22.9215

Monochromacy



Original Color

66.5662, 28.1876, 34.5776

Achromatopsia

65.4745, -3.4936, 3.5574

Achromatomaly

65.1137, 5.3778, 17.2714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5662, 28.1876, 34.5776 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, 152, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 81)  
}
```

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, 152, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5662, 28.1876, 34.5776 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, 152, 81) }
```


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

```
.border{ border-color:rgb(255, 152, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5662, 28.1876, 34.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 81) }
```

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

```
.background{ background-color: rgb(255,  
152, 81) }
```

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