

Converting Colors

HunterLab(63.6055, 33.4226,
35.2919)

Have a look what the booklet for
HunterLab(63.6055, 33.4226,
35.2919) contains.

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Color

**HunterLab(63.5502, 33.5625,
35.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C40
RGB	255, 140, 64
RGB Percent	100%, 55%, 25%
CMY	0.0000, 0.4510, 0.7490
CMYK	0.00, 0.45, 0.75, 0.00
HSL	24°, 100%, 63%
HSV	24°, 75%, 100%
XYZ	51.5434, 40.3863, 9.9292
YIQ	165.7210, 92.9360, 0.7440

Conversions

Conversions Part 2

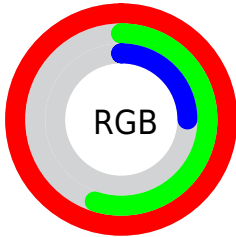
Format	Color
R _Y B	255, 190, 64
Decimal	16747584
CIE Lab	69.75, 38.15, 57.81
CIE LCh	70, 69.265, 56.580
Yxy	40.3884, 0.5060, 0.3965
Android (android.graphics.Color)	4294937664 (0xFFFF8C40)
YUV	165.7210, -50.1485, 78.2977
Hunter-Lab	63.5502, 33.5625, 35.2216

Details

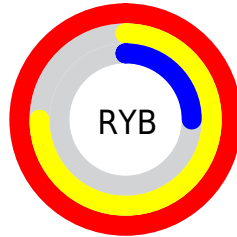
The HunterLab color **63.5502, 33.5625, 35.2216** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **63.6770, -9.7255, -49.0218**, and the grayscale version is **61.8111, -3.2981, 3.3583**.

A 20% lighter version of the original color is **78.4546, 8.1070, 35.9984**, and **42.6578, 31.0289, 26.6292** is the 20% darker color. If you saturate the color by 10%, you get **59.9859, 40.4997, 35.8173**, and if you desaturate by 10%, it is **67.4924, 26.9400, 33.6601**.

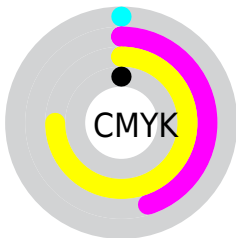
Distribution



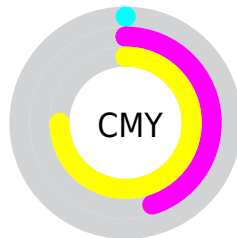
- Red (100%)
- Green (55%)
- Blue (25%)



- Red (100%)
- Yellow (75%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.5502, 33.5625, 35.2216 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 63.5502, 33.5625, 35.2216 by changing the saturation by 10% instead.

63.5502, 33.5625,
35.2216

63.5502, 33.5625,
35.2216

186.4827, 40.2870,
66.7476

52.7651, 32.3718,
31.0392

87.0371, 35.6188,
43.0313

42.6688, 31.0691,
26.6278

99.6708, 36.5096,
46.7109

33.3139, 29.6417,
21.9867

112.8628, 37.3168,
50.2693

24.7647, 28.0867,
17.3353

126.5902, 38.0464,
53.7235

17.1057, 26.4216,
11.9740

140.8331, 38.7039,
57.0876

10.4559, 24.7465,
7.3191

155.5734, 39.2938,

0.0000, INF, NaN

60.3733

0.0000, NaN, NaN

170.7949, 39.8203,
63.5905

0.0000, NaN, NaN

■ 63.5502, 33.5625,
35.2216

■ 63.5502, 33.5625,
35.2216

■ 59.9859, 40.4997,
35.8173

■ 67.4924, 26.9400,
33.6601

■ 56.8251, 47.6070,
35.4514

■ 71.7740, 20.7365,
31.1908

■ 55.3711, 51.1959,
35.0157

■ 76.3632, 14.9906,
27.9023

■ 81.2289, 9.7115,
23.8896

■ 86.3428, 4.8864,
19.2437

91.6798, 0.4899,
14.0470

97.2179, -3.5099,
8.3710

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



63.5519, 60.4129, 24.2309



63.5502, 33.5625, 35.2216



63.5519, 0.2622, 38.2982

Triad

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



63.5519, 33.5582, 35.2224



63.5519, -53.2924, 6.8038



63.5519, 26.0685, -72.7393

Complementary

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



63.5502, 33.5625, 35.2216



63.6770, -9.7255, -49.0218

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.



63.5519, -6.9701, -85.2238



63.5502, 33.5625, 35.2216



63.5519, -49.0291, -28.1311

Square

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



63.5519, 33.5582, 35.2224



63.5519, -46.4898, 27.7293



63.5519, -33.4545, -65.9485



63.5519, 55.5303, -37.2024

Rectangle

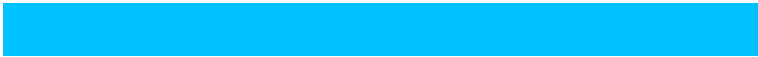
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5502, 33.5625, 35.2216



63.5519, -19.7844, 37.6248



63.5519, -33.4545, -65.9485



63.5519, 14.8458, -80.3425

Sweetspot

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



63.5519, 33.5582, 35.2224



87.8695, 3.5681, 17.7896



53.1933, 79.7103, -15.0247



39.9921, 2.2204, 8.8598

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.5519, 33.5582, 35.2224



58.3222, 44.1162, 35.7462



89.3013, -13.9116, 51.5629



43.7872, -0.7938, 5.1073



40.3638, 36.1197, 25.5043



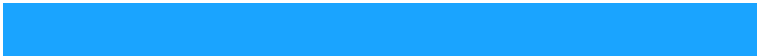
13.3894, 9.2799, 8.4129

Inverse Universe

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



63.6770, -9.7255, -49.0218



58.1953, -4.6702, -60.6095



38.7443, 40.5339, -120.1924



43.8147, -3.6993, -0.4686



40.0835, -0.7713, -48.4360



13.3344, -1.5999, -13.2132

Previews

White Background



This preview shows how the HunterLab color 63.5502, 33.5625, 35.2216 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 63.5502, 33.5625, 35.2216 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 63.5502, 33.5625, 35.2216 Background



This preview shows how black text looks on a background with the HunterLab color 63.5502, 33.5625, 35.2216.



This preview shows how white text looks on a background with the HunterLab color 63.5502, 33.5625,

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

63.5502, 33.5625, 35.2216

Protanopia

63.6820, -7.7310, 33.2366

Deuteranopia

63.5863, 4.9154, 35.6583



Tritanopia

63.4771, 42.7985, 15.5910

Trichromacy



Original Color

63.5502, 33.5625, 35.2216

Protanomaly

63.1506, 6.5290, 33.5873

Deuteranomaly

63.3210, 15.1521, 35.2805

Tritanomaly

63.3113, 38.8630, 24.7841

Monochromacy



Original Color

63.5502, 33.5625, 35.2216

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.4041, 6.8103, 17.9024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.5502, 33.5625, 35.2216 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, 140, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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(255, 140, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 63.5502, 33.5625, 35.2216 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, 140, 64) }
```


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

```
.border{ border-color:rgb(255, 140, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.5502, 33.5625, 35.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 64) }
```

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

```
.background{ background-color: rgb(255,  
140, 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](#).

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