

Converting Colors

HunterLab(64.8683, 24.8317,
35.7177)

Have a look what the booklet for
HunterLab(64.8683, 24.8317,
35.7177) contains.

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Color

**HunterLab(64.7921, 25.0438,
35.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	F79642
RGB	247, 150, 66
RGB Percent	97%, 59%, 26%
CMY	0.0314, 0.4117, 0.7412
CMYK	0.00, 0.39, 0.73, 0.03
HSL	28°, 92%, 61%
HSV	28°, 73%, 97%
XYZ	50.2474, 41.9802, 10.6089
YIQ	169.4270, 84.7760, -5.5600

Conversions

Conversions Part 2

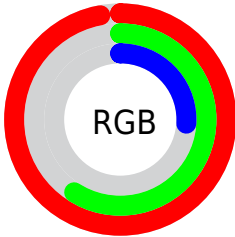
Format	Color
R_{YB}	247, 223, 66
Decimal	16225858
CIE Lab	70.86, 29.90, 57.72
CIE LCh	71, 65.009, 62.614
Yxy	41.9823, 0.4886, 0.4082
Android (android.graphics.Color)	4294415938 (0xFF79642)
YUV	169.4270, -50.9895, 68.0315
Hunter-Lab	64.7921, 25.0438, 35.6465

Details

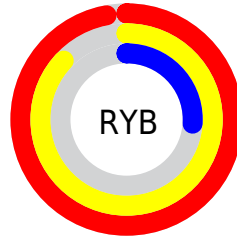
The HunterLab color **64.7921, 25.0438, 35.6465** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **58.3661, -3.8737, -53.4907**, and the grayscale version is **63.3456, -3.3800, 3.4417**.

A 20% lighter version of the original color is **81.3822, 3.0912, 37.7147**, and **43.6635, 23.3938, 27.0418** is the 20% darker color. If you saturate the color by 10%, you get **61.4512, 30.9474, 36.3569**, and if you desaturate by 10%, it is **68.4142, 19.5320, 33.9792**.

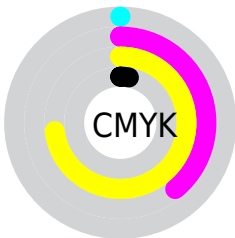
Distribution



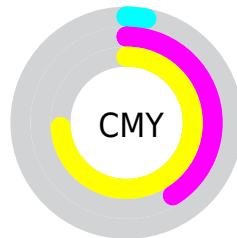
- Red (97%)
- Green (59%)
- Blue (26%)



- Red (97%)
- Yellow (87%)
- Blue (26%)



- Cyan (0%)
- Magenta (39%)
- Yellow (73%)
- Black (3%)





- Cyan (3%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.7921, 25.0438, 35.6465 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 64.7921, 25.0438, 35.6465 by changing the saturation by 10% instead.


 64.7921, 25.0438,
35.6465


 64.7921, 25.0438,
35.6465


188.2577, 29.0253,
67.0255


 53.9328, 24.2013,
31.4932


 88.4154, 26.4318,
43.4085


 43.7573, 23.2538,
27.1150


 101.1125, 27.0020,
47.0686


 34.3170, 22.1849,
22.4851


 114.3651, 27.4975,
50.6098

 25.6743, 20.9816,
17.9720

 128.1510, 27.9238,
54.0487

 17.9112, 19.6346,
12.5378

 142.4501, 28.2858,
57.3991

 11.1414, 18.1616,
7.7990

157.2447, 28.5877,

 3.0833, 42.0963,

60.6725

2.1583

172.5188, 28.8331,
63.8786

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7921, 25.0438,
35.6465

■ 64.7921, 25.0438,
35.6465

■ 61.4512, 30.9474,
36.3569

■ 68.4142, 19.5320,
33.9792

■ 58.4057, 37.1687,
36.1181

■ 72.2911, 14.4677,
31.3964


■ 56.5271, 41.4316,
35.5570


■ 76.4030, 9.8612,
27.9675


■ 80.7294, 5.7068,
23.7707

■ 85.2514, 1.9859,

18.8843

 89.9516, -1.3270,
13.3825

 94.8146, -4.2612,
7.3323

 99.2542, -7.9398,
4.5066

Harmonies

Analogous

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



64.7938, 52.1729, 26.5532



64.7921, 25.0438, 35.6465



64.7938, -6.0515, 37.7571

Triad

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



64.7938, 25.0399, 35.6472



64.7938, -51.3162, 0.9933



64.7938, 30.3816, -61.1802

Complementary

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



64.7921, 25.0438, 35.6465



58.3661, -3.8737, -53.4907

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.



64.7938, -0.8286, -77.8990



64.7921, 25.0438, 35.6465



64.7938, -44.9846, -33.2379

Square

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



64.7938, 25.0399, 35.6472



64.7938, -46.8703, 23.9137



64.7938, -27.7535, -65.8807



64.7938, 55.6278, -26.8667

Rectangle

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



64.7921, 25.0438, 35.6465



64.7938, -24.0422, 36.3534



64.7938, -27.7535, -65.8807



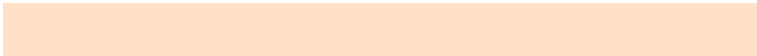
64.7938, 20.0611, -69.6011

Sweetspot

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



64.7938, 25.0399, 35.6472



88.9918, 1.6105, 18.9062



51.3881, 73.8409, -8.4170



40.5708, 1.2034, 9.4243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7938, 25.0399, 35.6472



62.1409, 35.1979, 37.6965



90.1593, -19.3873, 51.8266



42.1310, -1.1403, 5.1167



41.4451, 29.3107, 26.0514



13.0888, 6.8240, 8.1847

Inverse Universe

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



58.3661, -3.8737, -53.4907



54.3970, 2.0855, -69.5620



35.9345, 44.1857, -122.2707



41.7104, -3.1660, -0.7113



35.5228, 5.2319, -55.6946



11.4660, -0.1132, -14.0871

Previews

White Background



This preview shows how the HunterLab color 64.7921, 25.0438, 35.6465 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 64.7921, 25.0438, 35.6465 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 64.7921, 25.0438, 35.6465 Background



This preview shows how black text looks on a background with the HunterLab color 64.7921, 25.0438, 35.6465.



This preview shows how white text looks on a background with the HunterLab color 64.7921, 25.0438,

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

64.7921, 25.0438, 35.6465

Protanopia

64.8773, -8.0734, 34.0752

Deuteranopia

64.8150, 4.8301, 35.8543



Tritanopia

64.7916, 38.8432, 13.8123

Trichromacy



Original Color

64.7921, 25.0438, 35.6465

Protanomaly

64.4194, 3.6473, 34.4258

Deuteranomaly

64.8031, 11.8219, 35.8358

Tritanomaly

64.5187, 33.1372, 24.0070

Monochromacy



Original Color

64.7921, 25.0438, 35.6465

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

62.7510, 4.2848, 18.1161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7921, 25.0438, 35.6465 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(247, 150, 66)` looks like.

```
.text, #text, p{  
    color:rgb(247, 150, 66)  
}
```

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(247, 150, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 150, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7921, 25.0438, 35.6465 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(247, 150, 66) }
```


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

```
.border{ border-color:rgb(247, 150, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 150, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 150, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 150, 66);  
box-shadow:4px 4px 4px 4px rgb(247, 150,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7921, 25.0438, 35.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 150, 66) }
```

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

```
.background{ background-color: rgb(247,  
150, 66) }
```

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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