

Converting Colors

HunterLab(66.6107, 26.2126,
38.6644)

Have a look what the booklet for
HunterLab(66.6107, 26.2126,
38.6644) contains.

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Color

**HunterLab(66.5510, 26.3632,
38.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9934
RGB	255, 153, 52
RGB Percent	100%, 60%, 20%
CMY	0.0000, 0.4000, 0.7961
CMYK	0.00, 0.40, 0.80, 0.00
HSL	30°, 100%, 60%
HSV	30°, 80%, 100%
XYZ	53.2510, 44.2904, 8.9911
YIQ	171.9840, 93.2130, -9.7870

Conversions

Conversions Part 2

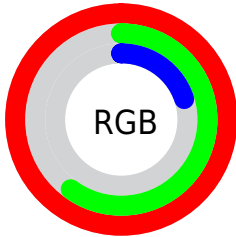
Format	Color
R_{YB}	255, 253, 52
Decimal	16750900
CIE Lab	72.42, 31.06, 65.36
CIE LCh	72, 72.364, 64.583
Yxy	44.2927, 0.4998, 0.4158
Android (android.graphics.Color)	4294940980 (0xFFFF9934)
YUV	171.9840, -59.1521, 72.8050
Hunter-Lab	66.5510, 26.3632, 38.5756

Details

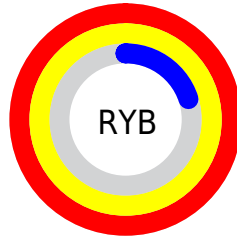
The HunterLab color **66.5510, 26.3632, 38.5756** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **55.7312, 1.8267, -66.2749**, and the grayscale version is **64.4344, -3.4381, 3.5008**.

A 20% lighter version of the original color is **82.1050, 0.6671, 40.7578**, and **45.2922, 24.7512, 28.3421** is the 20% darker color. If you saturate the color by 10%, you get **63.3640, 32.3277, 38.6683**, and if you desaturate by 10%, it is **70.0069, 20.7852, 37.4762**.

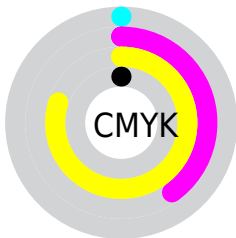
Distribution



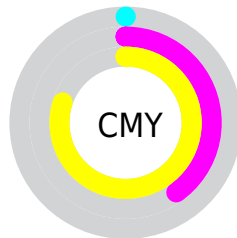
- Red (100%)
- Green (60%)
- Blue (20%)



- Red (100%)
- Yellow (99%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.5510, 26.3632, 38.5756 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 66.5510, 26.3632, 38.5756 by changing the saturation by 10% instead.


 66.5510, 26.3632,
38.5756

 66.5510, 26.3632,
38.5756


190.7620, 30.6265,
73.3821


 55.5884, 25.4882,
33.9638

 90.3648, 27.8158,
47.2076


 45.3026, 24.5089,
29.1177


 103.1504, 28.4182,
51.2772


 35.7435, 23.4092,
24.1176


 116.4879, 28.9455,
55.2116

 26.9712, 22.1768,
18.8798

 130.3553, 29.4033,
59.0282

 19.0639, 20.8033,
13.3447

 144.7331, 29.7964,
62.7418

 12.1292, 19.3048,
8.4905

 159.6038, 30.1290,

 5.1799, 26.2603,

66.3652

3.6260

174.9515, 30.4046,
69.9089

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5510, 26.3632,
38.5756

■ 66.5510, 26.3632,
38.5756

■ 63.3640, 32.3277,
38.6683

■ 70.0069, 20.7852,
37.4762

■ 60.4483, 38.5672,
37.8949

■ 73.7101, 15.6629,
35.3717

■ 60.3385, 38.8128,
37.8598

■ 77.6446, 11.0165,
32.3098

■ 81.7926, 6.8478,
28.3581

■ 86.1367, 3.1437,

23.5926

■ 90.6610, -0.1179,
18.0897

■ 95.3509, -2.9645,
11.9219

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.



66.5527, 58.1029, 29.8331



66.5510, 26.3632, 38.5756



66.5527, -8.6164, 40.3035

Triad

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



66.5527, 26.3591, 38.5763



66.5527, -56.2953, -1.4540



66.5527, 37.0255, -68.9945

Complementary

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



66.5510, 26.3632, 38.5756



55.7312, 1.8267, -66.2749

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.



66.5527, 1.6630, -90.7663



66.5510, 26.3632, 38.5756



66.5527, -48.6587, -41.2994

Square

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



66.5527, 26.3591, 38.5763



66.5527, -52.2515, 24.8948



66.5527, -28.9697, -78.7112



66.5527, 65.0651, -28.3482

Rectangle

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



66.5510, 26.3632, 38.5756



66.5527, -28.2526, 38.6984



66.5527, -28.9697, -78.7112



66.5527, 25.3699, -79.4803

Sweetspot

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



66.5527, 26.3591, 38.5763



88.6524, 1.2623, 20.5936



51.1336, 79.9752, -4.0181



40.2721, 1.1298, 10.4214

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5527, 26.3591, 38.5763



61.4704, 36.3054, 38.2308



95.3350, -23.5091, 56.3127



44.1363, -1.3840, 5.4851



43.9568, 27.2571, 27.5632



14.4901, 6.7590, 9.0470

Inverse Universe

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



55.7312, 1.8267, -66.2749



49.1065, 10.7244, -83.7801



32.7404, 56.3825, -150.1633



43.4580, -3.1154, -0.9030



34.8638, 8.7352, -62.4335



11.8405, 0.9219, -16.7898

Previews

White Background



This preview shows how the HunterLab color 66.5510, 26.3632, 38.5756 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 66.5510, 26.3632, 38.5756 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 66.5510, 26.3632, 38.5756 Background



This preview shows how black text looks on a background with the HunterLab color 66.5510, 26.3632, 38.5756.



This preview shows how white text looks on a background with the HunterLab color 66.5510, 26.3632,

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

66.5510, 26.3632, 38.5756

Protanopia

66.5572, -8.4938, 37.1777

Deuteranopia

66.6487, 5.0139, 38.8570



Tritanopia

66.4967, 38.0334, 13.5970

Trichromacy



Original Color

66.5510, 26.3632, 38.5756

Protanomaly

66.1223, 3.3770, 37.4486

Deuteranomaly

66.3852, 12.5994, 38.6294

Tritanomaly

66.3799, 32.4262, 26.1617

Monochromacy



Original Color

66.5510, 26.3632, 38.5756

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.0510, 4.1458, 20.6365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5510, 26.3632, 38.5756 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, 153, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 52)  
}
```

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, 153, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5510, 26.3632, 38.5756 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, 153, 52) }
```


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

```
.border{ border-color:rgb(255, 153, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5510, 26.3632, 38.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 52) }
```

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

```
.background{ background-color: rgb(255,  
153, 52) }
```

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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