

Converting Colors

HunterLab(64.9292, 26.5981,
38.0954)

Have a look what the booklet for
HunterLab(64.9292, 26.5981,
38.0954) contains.

HunterLab(64.9626, 26.5166, 38.1348)	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(64.9626, 26.5166,
38.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	FB952E
RGB	251, 149, 46
RGB Percent	98%, 58%, 18%
CMY	0.0157, 0.4157, 0.8196
CMYK	0.00, 0.41, 0.82, 0.02
HSL	30°, 96%, 58%
HSV	30°, 82%, 98%
XYZ	51.0243, 42.2014, 8.0412
YIQ	167.7560, 93.8550, -10.4090

Conversions

Conversions Part 2

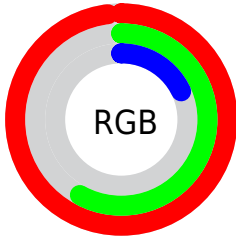
Format	Color
R _Y B	249, 251, 46
Decimal	16487726
CIE Lab	71.01, 31.32, 66.11
CIE LCh	71, 73.150, 64.649
Yxy	42.2036, 0.5038, 0.4167
Android (android.graphics.Color)	4294677806 (0xFFFB952E)
YUV	167.7560, -60.0257, 73.0050
Hunter-Lab	64.9626, 26.5166, 38.1348

Details

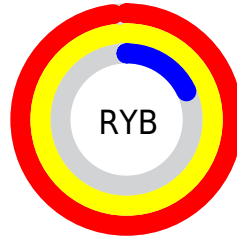
The HunterLab color **64.9626, 26.5166, 38.1348** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **53.5951, 3.2221, -67.8825**, and the grayscale version is **62.6890, -3.3449, 3.4060**.

A 20% lighter version of the original color is **80.8612, 2.3809, 40.8405**, and **43.8643, 25.0276, 27.4671** is the 20% darker color. If you saturate the color by 10%, you get **61.9014, 32.3796, 38.0352**, and if you desaturate by 10%, it is **68.2851, 21.0204, 37.2539**.

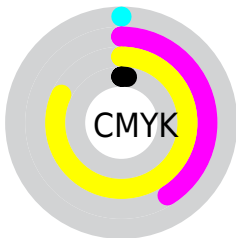
Distribution



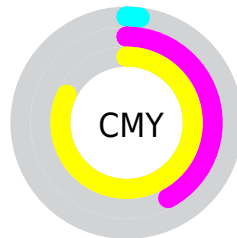
- Red (98%)
- Green (58%)
- Blue (18%)



- Red (98%)
- Yellow (98%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.9626, 26.5166, 38.1348 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 64.9626, 26.5166, 38.1348 by changing the saturation by 10% instead.


 64.9626, 26.5166,
38.1348


 64.9626, 26.5166,
38.1348


188.5010, 30.9543,
73.4450


 54.0932, 25.6161,
33.4441


 88.6046, 28.0156,
46.9083


 43.9069, 24.6093,
28.5151


 101.3103, 28.6390,
51.0409


 34.4550, 23.4803,
23.5647


 114.5712, 29.1863,
55.0336

 25.7996, 22.2169,
18.0597

 128.3650, 29.6631,
58.9047

 18.0223, 20.8129,
12.6156

 142.6718, 30.0743,
62.6693

 11.2364, 19.2941,
7.8655

 157.4739, 30.4242,

 3.3456, 40.6311,

66.3404

2.3419

172.7551, 30.7164,
69.9292

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9626, 26.5166,
38.1348

■ 64.9626, 26.5166,
38.1348

■ 61.9014, 32.3796,
38.0352

■ 68.2851, 21.0204,
37.2539

■ 59.5494, 37.4495,
37.3497


■ 71.8492, 15.9647,
35.3801


■ 75.6398, 11.3737,
32.5523

■ 79.6399, 7.2522,
28.8326


■ 83.8330, 3.5899,

24.2936

 88.2036, 0.3663,
19.0095

 92.7374, -2.4443,
13.0523

 97.4212, -4.8705,
6.4885

 99.6238, -6.6467,
4.9666

Harmonies

Analogous

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



64.9643, 58.5513, 29.6400



64.9626, 26.5166, 38.1348



64.9643, -8.6151, 39.7798

Triad

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



64.9643, 26.5125, 38.1355



64.9643, -56.0626, -1.6357



64.9643, 37.4131, -69.8830

Complementary

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



64.9626, 26.5166, 38.1348



53.5951, 3.2221, -67.8825

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.



64.9643, 1.8408, -92.1420



64.9626, 26.5166, 38.1348



64.9643, -48.4660, -41.9070

Square

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



64.9643, 26.5125, 38.1355



64.9643, -52.0817, 24.7009



64.9643, -28.8404, -79.9233



64.9643, 65.6872, -28.5960

Rectangle

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



64.9626, 26.5166, 38.1348



64.9643, -28.2381, 38.2343



64.9643, -28.8404, -79.9233



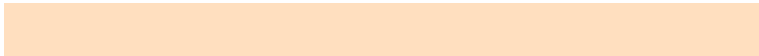
64.9643, 25.6744, -80.5830

Sweetspot

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



64.9643, 26.5125, 38.1355



88.2944, 1.4239, 21.2360



49.6159, 79.1872, -1.7695



40.1253, 1.1933, 10.6992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9643, 26.5125, 38.1355



61.1673, 36.9411, 38.1958



94.7102, -24.8175, 56.3072



43.2047, -1.3847, 5.3792



43.5106, 26.3665, 27.2726



14.0196, 6.2817, 8.7488

Inverse Universe

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



53.5951, 3.2221, -67.8825



48.0289, 12.6577, -86.9730



30.8224, 59.0856, -155.5327



42.5085, -3.0190, -0.8976



34.1262, 9.0363, -62.1616



11.3601, 0.9146, -16.1736

Previews

White Background



This preview shows how the HunterLab color 64.9626, 26.5166, 38.1348 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 64.9626, 26.5166, 38.1348 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 64.9626, 26.5166, 38.1348 Background



This preview shows how black text looks on a background with the HunterLab color 64.9626, 26.5166, 38.1348.



This preview shows how white text looks on a background with the HunterLab color 64.9626, 26.5166,

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

64.9626, 26.5166, 38.1348

Protanopia

65.2067, -8.7794, 36.9638

Deuteranopia

64.8975, 4.7962, 38.3199



Tritanopia

64.9755, 40.4736, 14.4168

Trichromacy



Original Color

64.9626, 26.5166, 38.1348

Protanomaly

64.7687, 3.0564, 37.2013

Deuteranomaly

64.7706, 12.7908, 38.1302

Tritanomaly

64.7191, 34.6299, 26.4425

Monochromacy



Original Color

64.9626, 26.5166, 38.1348

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.4105, 4.2463, 20.4161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9626, 26.5166, 38.1348 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(251, 149, 46)` looks like.

```
.text, #text, p{  
    color:rgb(251, 149, 46)  
}
```

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(251, 149, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 149, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9626, 26.5166, 38.1348 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(251, 149, 46) }
```


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

```
.border{ border-color:rgb(251, 149, 46) }
```

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

Here you see how a box with a 4 pixel rgb(251, 149, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 149, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 149, 46);  
box-shadow:4px 4px 4px 4px rgb(251, 149,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9626, 26.5166, 38.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 149, 46) }
```

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

```
.background{ background-color: rgb(251,  
149, 46) }
```

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