

Converting Colors

HunterLab(64.8176, 29.2612,
32.7827)

Have a look what the booklet for
HunterLab(64.8176, 29.2612,
32.7827) contains.

HunterLab(64.8203, 29.2580, 32.7823)	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(64.8203, 29.2580,
32.7823)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9354
RGB	251, 147, 84
RGB Percent	98%, 58%, 33%
CMY	0.0157, 0.4235, 0.6706
CMYK	0.00, 0.41, 0.67, 0.02
HSL	23°, 95%, 66%
HSV	23°, 67%, 98%
XYZ	51.8176, 42.0167, 13.7664
YIQ	170.9140, 82.2070, 2.4550

Conversions

Conversions Part 2

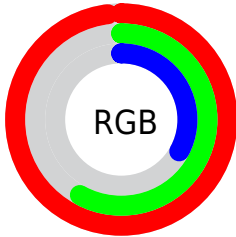
Format	Color
R _Y B	251, 185, 84
Decimal	16487252
CIE Lab	70.88, 33.96, 49.42
CIE LCh	71, 59.963, 55.501
Yxy	42.0189, 0.4816, 0.3905
Android (android.graphics.Color)	4294677332 (0xFFFB9354)
YUV	170.9140, -42.8486, 70.2354
Hunter-Lab	64.8203, 29.2580, 32.7823

Details

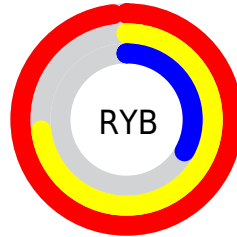
The HunterLab color **64.8203, 29.2580, 32.7823** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **66.9430, -13.0237, -39.8105**, and the grayscale version is **63.9289, -3.4111, 3.4734**.

A 20% lighter version of the original color is **80.7952, 6.1988, 32.8013**, and **43.7250, 27.0388, 25.3644** is the 20% darker color. If you saturate the color by 10%, you get **60.9573, 36.0412, 34.1810**, and if you desaturate by 10%, it is **69.0516, 22.8408, 30.5018**.

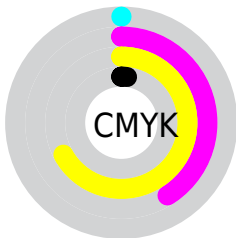
Distribution



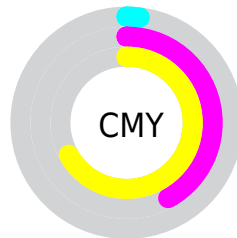
- Red (98%)
- Green (58%)
- Blue (33%)



- Red (98%)
- Yellow (73%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8203, 29.2580, 32.7823 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 64.8203, 29.2580, 32.7823 by changing the saturation by 10% instead.

64.8203, 29.2580,
32.7823

64.8203, 29.2580,
32.7823

188.2980, 34.5648,
60.2834

53.9593, 28.2473,
29.1768

88.4467, 30.9688,
39.5321

43.7820, 27.1277,
25.3726

101.1452, 31.6938,
42.7246

34.3398, 25.8844,
21.3306

114.3992, 32.3398,
45.8209

25.6950, 24.5077,
17.3685

128.1864, 32.9127,
48.8354

17.9295, 22.9984,
12.5507

142.4868, 33.4174,
51.7799

11.1571, 21.4024,
7.8100

157.2826, 33.8586,

3.1282, 47.2886,

54.6642

2.1898

172.5579, 34.2399,
57.4964

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8203, 29.2580,
32.7823

■ 64.8203, 29.2580,
32.7823

■ 60.9573, 36.0412,
34.1810

■ 69.0516, 22.8408,
30.5018

■ 57.4943, 43.0856,
34.6368

■ 73.6093, 16.8616,
27.4267

■ 54.4655, 50.1958,
34.1681


■ 78.4607, 11.3362,
23.6553


■ 53.5156, 52.6031,
33.8970

■ 83.5745, 6.2580,
19.2804

■ 88.9231, 1.6045,

14.3850

 94.4825, -2.6547,
9.0408

 99.6238, -6.6467,
4.9667

Harmonies

Analogous

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



64.8220, 51.4403, 21.6489



64.8203, 29.2580, 32.7823



64.8220, 0.7342, 36.2936

Triad

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



64.8220, 29.2540, 32.7831



64.8220, -48.1669, 7.3481



64.8220, 20.8844, -60.1888

Complementary

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



64.8203, 29.2580, 32.7823



66.9430, -13.0237, -39.8105

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.



64.8220, -7.5545, -69.2197



64.8203, 29.2580, 32.7823



64.8220, -44.5837, -22.0487

Square

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



64.8220, 29.2540, 32.7831



64.8220, -41.5060, 26.0258



64.8220, -30.7515, -53.0506



64.8220, 46.0712, -31.8751

Rectangle

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



64.8203, 29.2580, 32.7823



64.8220, -16.9845, 35.6759



64.8220, -30.7515, -53.0506



64.8220, 11.2683, -65.9763

Sweetspot

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



64.8220, 29.2540, 32.7831



88.6138, 3.2369, 16.4376



55.2789, 71.8932, -16.7857



40.2876, 2.1134, 8.2545

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8220, 29.2540, 32.7831



60.7688, 39.2076, 35.0761



87.7725, -12.6095, 48.1983



42.7765, -0.6604, 4.9156



39.1301, 37.2514, 24.7639



12.7076, 9.2965, 7.9931

Inverse Universe

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



66.9430, -13.0237, -39.8105



63.0699, -10.3466, -50.2554



43.8330, 30.1915, -95.9116



42.9462, -3.7352, -0.3647



40.6227, -2.6595, -45.0338



13.1619, -2.0892, -11.9412

Previews

White Background



This preview shows how the HunterLab color 64.8203, 29.2580, 32.7823 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 64.8203, 29.2580, 32.7823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

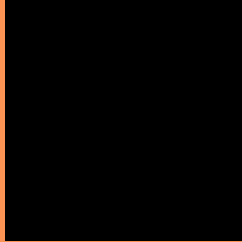
Any Text WCAG AA ✓ Pass

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 64.8203, 29.2580, 32.7823 Background



This preview shows how black text looks on a background with the HunterLab color 64.8203, 29.2580, 32.7823.



This preview shows how white text looks on a background with the HunterLab color 64.8203, 29.2580,

32.7823.

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

64.8203, 29.2580, 32.7823

Protanopia

65.0145, -7.1110, 30.4931

Deuteranopia

64.7584, 4.9979, 33.0428



Tritanopia

64.7265, 40.8803, 14.5543

Trichromacy



Original Color

64.8203, 29.2580, 32.7823

Protanomaly

64.3702, 5.3761, 30.8493

Deuteranomaly

64.4529, 13.7912, 32.7960

Tritanomaly

64.7283, 36.3235, 22.7492

Monochromacy



Original Color

64.8203, 29.2580, 32.7823

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

63.2330, 6.2099, 16.1696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8203, 29.2580, 32.7823 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, 147, 84)` looks like.

```
.text, #text, p{  
    color:rgb(251, 147, 84)  
}
```

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, 147, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 147, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8203, 29.2580, 32.7823 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, 147, 84) }
```


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

```
.border{ border-color:rgb(251, 147, 84) }
```

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

Here you see how a box with a 4 pixel rgb(251, 147, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 147, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 147, 84);  
box-shadow:4px 4px 4px 4px rgb(251, 147,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8203, 29.2580, 32.7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 147, 84) }
```

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

```
.background{ background-color: rgb(251,  
147, 84) }
```

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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