

Converting Colors

HunterLab(69.5887, 23.7659,
32.5858)

Have a look what the booklet for
HunterLab(69.5887, 23.7659,
32.5858) contains.

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Color

**HunterLab(69.5800, 23.7839,
32.5798)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFA366 |
| RGB | 255, 163, 102 |
| RGB Percent | 100%, 64%, 40% |
| CMY | 0.0000, 0.3608, 0.6000 |
| CMYK | 0.00, 0.36, 0.60, 0.00 |
| HSL | 24°, 100%, 70% |
| HSV | 24°, 60%, 100% |
| XYZ | 56.7355, 48.4138, 18.9250 |
| YIQ | 183.5540, 74.4130, 0.5330 |

Conversions

Conversions Part 2

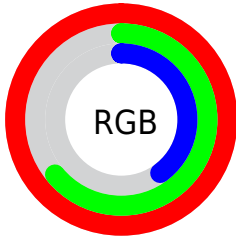
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 203, 102 |
| Decimal | 16753510 |
| CIE _{Lab} | 75.09, 28.38, 45.43 |
| CIE _{LCh} | 75, 53.566, 58.005 |
| Yxy | 48.4162, 0.4573, 0.3902 |
| Android (android.graphics.Color) | 4294943590 (0xFFFFA366) |
| YUV | 183.5540, -40.2061, 62.6581 |
| Hunter-Lab | 69.5800, 23.7839, 32.5798 |

Details

The HunterLab color **69.5800, 23.7839, 32.5798** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69.7323, -12.4209, -37.6887**, and the grayscale version is **69.1886, -3.6917, 3.7592**.

A 20% lighter version of the original color is **85.8696, -0.3034, 31.7983**, and **48.0480, 21.9890, 25.9830** is the 20% darker color. If you saturate the color by 10%, you get **65.4727, 30.1932, 34.5975**, and if you desaturate by 10%, it is **74.0145, 17.8083, 29.6971**.

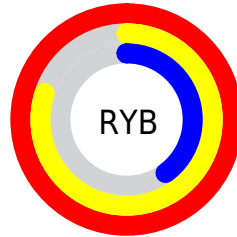
Distribution



Red (100%)

Green (64%)

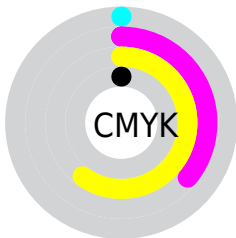
Blue (40%)



Red (100%)

Yellow (80%)

Blue (40%)

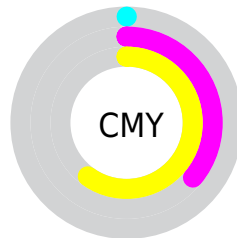


Cyan (0%)

Magenta (36%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.5800, 23.7839, 32.5798 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 69.5800, 23.7839, 32.5798 by changing the saturation by 10% instead.


 69.5800, 23.7839,
32.5798


 69.5800, 23.7839,
32.5798


195.0486, 27.0082,
57.9721


 58.4437, 23.0481,
29.3044


 93.7144, 24.9760,
38.7472


 47.9729, 22.2139,
25.8615


 106.6492, 25.4556,
41.6800

 38.2149, 21.2655,
22.2138


 120.1299, 25.8646,
44.5338

 29.2264, 20.1892,
18.3162

 134.1350, 26.2081,
47.3206

 21.0797, 18.9711,
14.7558

148.6457, 26.4906,
50.0503

 13.8731, 17.6067,
9.7112

163.6449, 26.7159,

 7.5042, 17.5566,

52.7311

5.2529

179.1172, 26.8875,
55.3698

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.5800, 23.7839,
32.5798

■ 69.5800, 23.7839,
32.5798

■ 65.4727, 30.1932,
34.5975

■ 74.0145, 17.8083,
29.6971

■ 61.7208, 36.9825,
35.6706

■ 78.7385, 12.3023,
26.0399

■ 58.3586, 44.0258,
35.7675

■ 83.7242, 7.2589,
21.7028

■ 55.4071, 51.1013,
35.0362

■ 88.9449, 2.6582,
16.7729

■ 55.4069, 51.1020,

■ 94.3771, -1.5290,

35.0361

11.3273

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



69.5818, 44.2897, 22.0983



69.5800, 23.7839, 32.5798



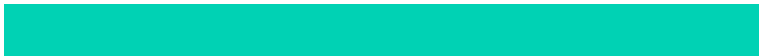
69.5818, -2.0268, 35.8446

Triad

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



69.5818, 23.7801, 32.5807



69.5818, -45.7210, 5.3683



69.5818, 20.4566, -50.2426

Complementary

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



69.5800, 23.7839, 32.5798



69.7323, -12.4209, -37.6887

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.



69.5818, -5.3901, -59.5873



69.5800, 23.7839, 32.5798



69.5818, -41.4449, -21.4366

Square

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



69.5818, 23.7801, 32.5807



69.5818, -40.1369, 24.0052



69.5818, -27.5116, -47.5589



69.5818, 42.1874, -25.2326

Rectangle

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



69.5800, 23.7839, 32.5798



69.5818, -18.0312, 34.8544



69.5818, -27.5116, -47.5589



69.5818, 11.8581, -55.6391

Sweetspot

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



69.5818, 23.7801, 32.5807



90.0148, 1.7891, 15.7233



58.9615, 66.3371, -15.2330



40.9259, 1.4156, 7.9780

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.5818, 23.7801, 32.5807



64.6924, 31.5246, 34.8898



91.0354, -14.2816, 47.6583



43.7899, -0.7985, 5.1103



40.3897, 36.0521, 25.5191



13.3976, 9.2602, 8.4176

Inverse Universe

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



69.7323, -12.4209, -37.6887



64.7656, -10.3625, -46.8823



48.4172, 26.7130, -85.5508



43.8118, -3.6946, -0.4720



40.0404, -0.6981, -48.5400



13.3222, -1.5804, -13.2400

Previews

White Background



This preview shows how the HunterLab color 69.5800, 23.7839, 32.5798 looks on a white background.

Color Contrast Check

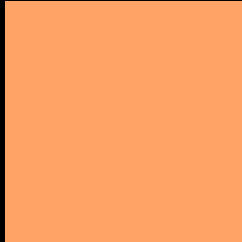
Large Text (above 18pt) WCAG AA × Fail

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 69.5800, 23.7839, 32.5798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

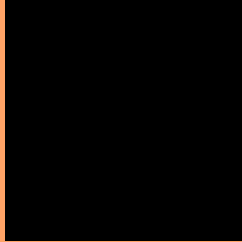
Any Text WCAG AA ✓ Pass

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 69.5800, 23.7839, 32.5798 Background



This preview shows how black text looks on a background with the HunterLab color 69.5800, 23.7839, 32.5798.



This preview shows how white text looks on a background with the HunterLab color 69.5800, 23.7839, 32.5798.

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

69.5800, 23.7839, 32.5798

Protanopia

69.6565, -7.1158, 30.2410

Deuteranopia

69.7682, 4.9410, 33.0458



Tritanopia

69.6713, 33.1672, 11.9859

Trichromacy



Original Color

69.5800, 23.7839, 32.5798

Protanomaly

69.3076, 3.6228, 30.8710

Deuteranomaly

69.5914, 11.5366, 32.8120

Tritanomaly

69.5811, 29.1910, 20.9034

Monochromacy



Original Color

69.5800, 23.7839, 32.5798

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

68.6188, 4.6154, 15.9478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.5800, 23.7839, 32.5798 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, 163, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 102)  
}
```

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, 163, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 69.5800, 23.7839, 32.5798 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, 163, 102) }
```


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

```
.border{ border-color:rgb(255, 163, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.5800, 23.7839, 32.5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 102) }
```

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

```
.background{ background-color: rgb(255,  
163, 102) }
```

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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