

Converting Colors

HunterLab(65.7225, 33.7638,
33.2747)

Have a look what the booklet for
HunterLab(65.7225, 33.7638,
33.2747) contains.

HunterLab(65.1718, 31.5461, 32.8921)	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(65.1718, 31.5461,
32.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9255
RGB	255, 146, 85
RGB Percent	100%, 57%, 33%
CMY	0.0000, 0.4274, 0.6667
CMYK	0.00, 0.43, 0.67, 0.00
HSL	22°, 100%, 67%
HSV	22°, 67%, 100%
XYZ	53.1586, 42.4736, 13.9908
YIQ	171.6370, 84.5450, 4.1370

Conversions

Conversions Part 2

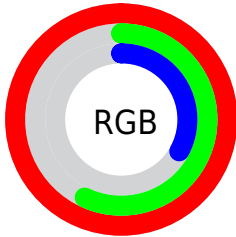
Format	Color
R _Y B	255, 180, 85
Decimal	16749141
CIE Lab	71.20, 36.10, 49.42
CIE LCh	71, 61.200, 53.848
Yxy	42.4759, 0.4849, 0.3875
Android (android.graphics.Color)	4294939221 (0xFFFF9255)
YUV	171.6370, -42.7120, 73.1094
Hunter-Lab	65.1718, 31.5461, 32.8921

Details

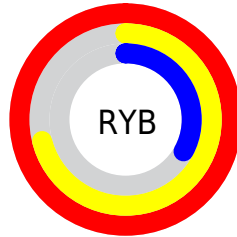
The HunterLab color **65.1718, 31.5461, 32.8921** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **69.0885, -14.7512, -38.8757**, and the grayscale version is **64.2272, -3.4270, 3.4896**.

A 20% lighter version of the original color is **80.5229, 6.8142, 32.3109**, and **44.1183, 29.1949, 25.5596** is the 20% darker color. If you saturate the color by 10%, you get **61.2008, 38.6701, 34.3137**, and if you desaturate by 10%, it is **69.5436, 24.7692, 30.5867**.

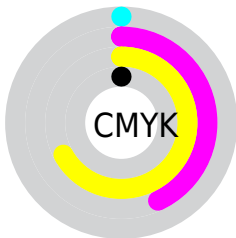
Distribution



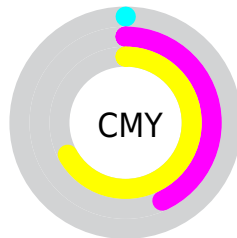
- Red (100%)
- Green (57%)
- Blue (33%)



- Red (100%)
- Yellow (71%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.1718, 31.5461, 32.8921 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 65.1718, 31.5461, 32.8921 by changing the saturation by 10% instead.

 65.1718, 31.5461,
32.8921


 65.1718, 31.5461,
32.8921


188.7993, 37.5203,
60.3690


 54.2900, 30.4524,
29.2923


 88.8365, 33.4175,
39.6332


 44.0905, 29.2489,
25.4950


 101.5528, 34.2201,
42.8223


 34.6244, 27.9215,
21.4612


 114.8239, 34.9418,
45.9158

 25.9535, 26.4631,
17.4689


 128.6274, 35.5887,
48.9278

 18.1589, 24.8799,
12.7112

 142.9437, 36.1657,
51.8703

 11.3531, 23.2325,
7.9471

157.7548, 36.6775,

 3.6414, 43.5523,

54.7528

2.5490

173.0449, 37.1278,
57.5834

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1718, 31.5461,
32.8921

■ 65.1718, 31.5461,
32.8921

■ 61.2008, 38.6701,
34.3137

■ 69.5436, 24.7692,
30.5867

■ 57.6670, 46.0139,
34.7835

■ 74.2696, 18.4263,
27.4920

■ 54.6082, 53.3506,
34.3182


■ 79.3129, 12.5412,
23.7121

■ 53.6930, 55.7190,
34.0609

■ 84.6387, 7.1110,
19.3443

■ 90.2161, 2.1144,

14.4741

 96.0184, -2.4797,
9.1742

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.



65.1735, 53.6433, 21.0901



65.1718, 31.5461, 32.8921



65.1735, 2.4092, 36.7467

Triad

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



65.1735, 31.5420, 32.8929



65.1735, -48.9585, 8.8173



65.1735, 19.8263, -63.1154

Complementary

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



65.1718, 31.5461, 32.8921



69.0885, -14.7512, -38.8757

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.



65.1735, -9.1691, -71.0030



65.1718, 31.5461, 32.8921



65.1735, -45.8907, -20.8330

Square

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



65.1735, 31.5420, 32.8929



65.1735, -41.6114, 27.1626



65.1735, -32.3823, -53.0714



65.1735, 46.1177, -34.6258

Rectangle

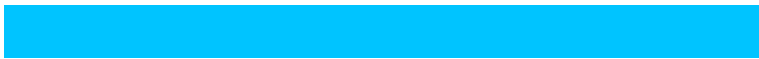
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1718, 31.5461, 32.8921



65.1735, -15.9115, 36.3155



65.1735, -32.3823, -53.0714



65.1735, 9.9572, -68.6559

Sweetspot

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



65.1735, 31.5420, 32.8929



88.3305, 3.7340, 16.1491



56.3205, 73.8377, -18.6676



40.1395, 2.3757, 8.1066

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.1735, 31.5420, 32.8929



59.9720, 41.1040, 34.5777



88.4485, -11.4228, 48.5402



43.6507, -0.5619, 4.9589



39.1407, 39.3787, 24.8077



12.9983, 10.2399, 8.1888

Inverse Universe

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



69.0885, -14.7512, -38.8757



64.2609, -12.1784, -47.9053



45.1794, 29.2963, -95.8030



43.9551, -3.9278, -0.2986



42.2420, -4.3391, -43.4320



13.9442, -2.5528, -11.9182

Previews

White Background



This preview shows how the HunterLab color 65.1718, 31.5461, 32.8921 looks on a white background.

Color Contrast Check

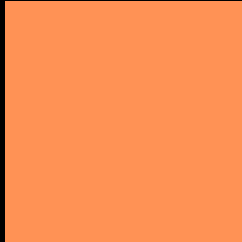
Large Text (above 18pt) WCAG AA × Fail

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 65.1718, 31.5461, 32.8921 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 65.1718, 31.5461, 32.8921 Background



This preview shows how black text looks on a background with the HunterLab color 65.1718, 31.5461, 32.8921.



This preview shows how white text looks on a background with the HunterLab color 65.1718, 31.5461,

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

65.1718, 31.5461, 32.8921

Protanopia

65.3396, -7.4355, 30.3077

Deuteranopia

65.1541, 4.8900, 33.3269



Tritanopia

65.2010, 39.9475, 14.6376

Trichromacy



Original Color

65.1718, 31.5461, 32.8921



Protanomaly

64.6168, 6.2251, 30.8440



Deuteranomaly

64.9834, 14.1567, 33.0071



Tritanomaly

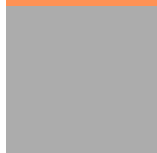
65.1239, 36.3136, 22.7944

Monochromacy



Original Color

65.1718, 31.5461, 32.8921



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

63.7530, 6.5531, 16.3249

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1718, 31.5461, 32.8921 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, 146, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 85)  
}
```

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, 146, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1718, 31.5461, 32.8921 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, 146, 85) }
```


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

```
.border{ border-color:rgb(255, 146, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1718, 31.5461, 32.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 85) }
```

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

```
.background{ background-color: rgb(255,  
146, 85) }
```

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