

Converting Colors

HunterLab(76.7006, 30.2935,
36.4502)

Have a look what the booklet for
HunterLab(76.7006, 30.2935,
36.4502) contains.

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Color

**HunterLab(72.8325, 18.0842,
33.1868)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAF6E |
| RGB | 255, 175, 110 |
| RGB Percent | 100%, 69%, 43% |
| CMY | 0.0000, 0.3137, 0.5686 |
| CMYK | 0.00, 0.31, 0.57, 0.00 |
| HSL | 27°, 100%, 72% |
| HSV | 27°, 57%, 100% |
| XYZ | 59.3844, 53.0457, 21.8607 |
| YIQ | 191.5100, 68.5450, -3.2550 |

Conversions

Conversions Part 2

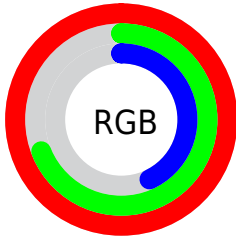
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 228, 110 |
| Decimal | 16756590 |
| CIE _{Lab} | 77.90, 22.69, 44.79 |
| CIE _{LCh} | 78, 50.210, 63.131 |
| Yxy | 53.0484, 0.4422, 0.3950 |
| Android (android.graphics.Color) | 4294946670 (0xFFFFAF6E) |
| YUV | 191.5100, -40.1844, 55.6807 |
| Hunter-Lab | 72.8325, 18.0842, 33.1868 |

Details

The HunterLab color **72.8325, 18.0842, 33.1868** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68.8183, -9.1772, -39.2636**, and the grayscale version is **72.5410, -3.8706, 3.9413**.

A 20% lighter version of the original color is **90.0312, -6.0274, 32.5523**, and **50.8404, 17.3451, 26.6458** is the 20% darker color. If you saturate the color by 10%, you get **68.8305, 23.7201, 35.5143**, and if you desaturate by 10%, it is **77.1043, 12.9112, 29.9688**.

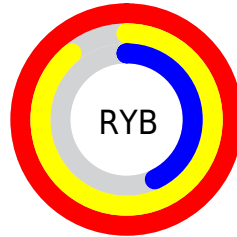
Distribution



Red (100%)

Green (69%)

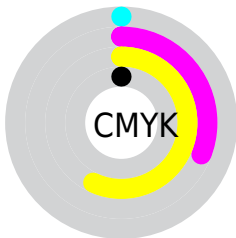
Blue (43%)



Red (100%)

Yellow (89%)

Blue (43%)

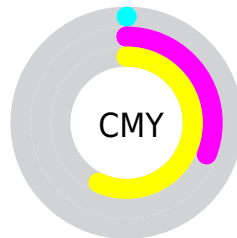


Cyan (0%)

Magenta (31%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.8325, 18.0842, 33.1868 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 72.8325, 18.0842, 33.1868 by changing the saturation by 10% instead.


 72.8325, 18.0842,
33.1868


 72.8325, 18.0842,
33.1868


199.6173, 19.2643,
58.1253


 61.5154, 17.6188,
29.9932


 97.3014, 18.7675,
39.2179


 50.8523, 17.0666,
26.6439


 110.3923, 19.0065,
42.0929

 40.8884, 16.4126,
23.1042


 124.0227, 19.1830,
44.8942

 31.6766, 15.6428,
19.3303

 138.1721, 19.3015,
47.6330

 23.2843, 14.7398,
15.7080

152.8220, 19.3657,
50.3185

 15.8009, 13.6840,
11.0606

167.9560, 19.3791,

 9.3540, 12.4665,

52.9583

6.5478

183.5590, 19.3444,
55.5588

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.8325, 18.0842,
33.1868

■ 72.8325, 18.0842,
33.1868

■ 68.8305, 23.7201,
35.5143

■ 77.1043, 12.9112,
29.9688

■ 65.1177, 29.8003,
36.8793

■ 81.6164, 8.2152,
25.9404

■ 61.7202, 36.2528,
37.2485

■ 86.3486, 3.9784,
21.1877

■ 58.6585, 42.9539,
36.6648

■ 91.2804, 0.1762,
15.7911

■ 57.7642, 45.0561,

■ 96.3941, -3.2216,

36.3828

9.8239

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



72.8343, 38.7591, 24.0505



72.8325, 18.0842, 33.1868



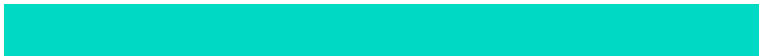
72.8343, -6.3851, 35.5151

Triad

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



72.8343, 18.0805, 33.1877



72.8343, -44.3554, 1.5344



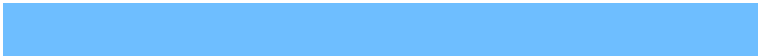
72.8343, 22.9868, -43.0068

Complementary

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



72.8325, 18.0842, 33.1868



68.8183, -9.1772, -39.2636

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.



72.8343, -1.3612, -54.6384



72.8325, 18.0842, 33.1868



72.8343, -38.5384, -24.2268

Square

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



72.8343, 18.0805, 33.1877



72.8343, -40.5403, 21.0938



72.8343, -23.5304, -46.8498



72.8343, 41.8388, -18.7069

Rectangle

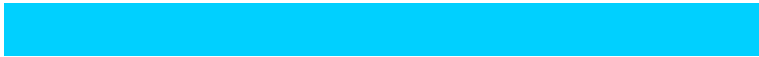
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8325, 18.0842, 33.1868



72.8343, -21.0894, 33.8112



72.8343, -23.5304, -46.8498



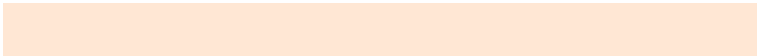
72.8343, 15.0698, -48.8282

Sweetspot

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



72.8343, 18.0805, 33.1877



91.2113, 0.2258, 15.8697



60.1875, 61.7877, -11.0523



41.7334, 0.4429, 7.8651

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.8343, 18.0805, 33.1877



68.3930, 24.3908, 35.7192



93.7508, -17.8236, 48.1271



43.9635, -1.0924, 5.2984



42.0988, 31.7169, 26.4963



13.9281, 8.0149, 8.7228

Inverse Universe

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



68.8183, -9.1772, -39.2636



63.6739, -6.9519, -48.9802



48.8757, 28.2572, -84.1542



43.6341, -3.4042, -0.6881



37.3895, 3.9598, -55.2817



12.5674, -0.3420, -14.9699

Previews

White Background



This preview shows how the HunterLab color 72.8325, 18.0842, 33.1868 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 72.8325, 18.0842, 33.1868 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 72.8325, 18.0842, 33.1868 Background



This preview shows how black text looks on a background with the HunterLab color 72.8325, 18.0842, 33.1868.



This preview shows how white text looks on a background with the HunterLab color 72.8325, 18.0842,

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

72.8325, 18.0842, 33.1868

Protanopia

72.9885, -7.5417, 31.1721

Deuteranopia

72.9360, 5.5943, 33.5078



Tritanopia

72.7538, 28.8844, 10.1471

Trichromacy



Original Color

72.8325, 18.0842, 33.1868

Protanomaly

72.5697, 1.5834, 31.7384

Deuteranomaly

72.9428, 9.9917, 33.3620

Tritanomaly

72.6308, 24.5795, 19.8707

Monochromacy



Original Color

72.8325, 18.0842, 33.1868

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

72.2312, 2.3583, 16.4917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.8325, 18.0842, 33.1868 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, 175, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 110)  
}
```

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, 175, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 72.8325, 18.0842, 33.1868 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, 175, 110) }
```


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

```
.border{ border-color:rgb(255, 175, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.8325, 18.0842, 33.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 110) }
```

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

```
.background{ background-color: rgb(255,  
175, 110) }
```

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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