

Converting Colors

HunterLab(68.1676, 13.7534,
32.8288)

Have a look what the booklet for
HunterLab(68.1676, 13.7534,
32.8288) contains.

HunterLab(68.1676, 13.7534, 32.8288)	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(68.1676, 13.7534,
32.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA75F
RGB	237, 167, 95
RGB Percent	93%, 65%, 37%
CMY	0.0706, 0.3451, 0.6274
CMYK	0.00, 0.30, 0.60, 0.07
HSL	30°, 80%, 65%
HSV	30°, 60%, 93%
XYZ	50.8094, 46.4682, 17.1178
YIQ	179.7220, 64.8320, -7.5520

Conversions

Conversions Part 2

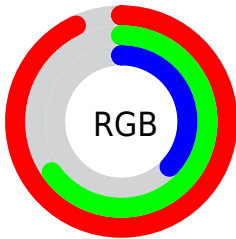
Format	Color
R_{YB}	233, 237, 95
Decimal	15574879
CIE _{Lab}	73.85, 18.51, 46.97
CIE _{LCh}	74, 50.486, 68.488
Yxy	46.4705, 0.4441, 0.4062
Android (android.graphics.Color)	4293764959 (0xFFEDA75F)
YUV	179.7220, -41.7679, 50.2328
Hunter-Lab	68.1676, 13.7534, 32.8288

Details

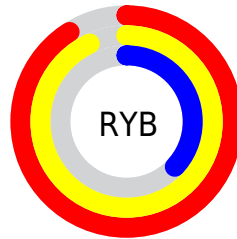
The HunterLab color **68.1676, 13.7534, 32.8288** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **59.5449, -3.8999, -43.1544**, and the grayscale version is **67.5933, -3.6066, 3.6725**.

A 20% lighter version of the original color is **86.9535, -3.0769, 34.7046**, and **46.6884, 12.8660, 25.8417** is the 20% darker color. If you saturate the color by 10%, you get **64.8183, 18.3327, 34.7622**, and if you desaturate by 10%, it is **71.7250, 9.6027, 30.0152**.

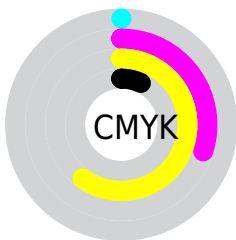
Distribution



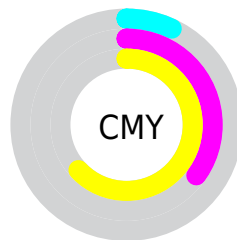
- Red (93%)
- Green (65%)
- Blue (37%)



- Red (91%)
- Yellow (93%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (60%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.1676, 13.7534, 32.8288 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 68.1676, 13.7534, 32.8288 by changing the saturation by 10% instead.


 68.1676, 13.7534,
32.8288


 68.1676, 13.7534,
32.8288


193.0536, 13.7189,
58.9964


 57.1115, 13.4411,
29.4344


 92.1535, 14.1432,
39.2076


 46.7262, 13.0455,
25.8618


 105.0193, 14.2408,
42.2354

 37.0602, 12.5516,
22.0729


 118.4336, 14.2796,
45.1782

 28.1714, 11.9442,
18.0436

 132.3750, 14.2637,
48.0489

 20.1350, 11.2033,
14.0945

146.8241, 14.1968,
50.8581

 13.0535, 10.3039,
9.1374

161.7638, 14.0819,

 6.5284, 12.0104,

53.6145

4.5699

177.1783, 13.9218,
56.3252

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1676, 13.7534,
32.8288

■ 68.1676, 13.7534,
32.8288

■ 64.8183, 18.3327,
34.7622

■ 71.7250, 9.6027,
30.0152

■ 61.6870, 23.3304,
35.7732

■ 75.4700, 5.8918,
26.3782

■ 58.7892, 28.6946,
35.8618

■ 79.3897, 2.6053,
21.9859

■ 56.1291, 34.3106,
35.1810

■ 83.4701, -0.2767,
16.9065

■ 56.1073, 34.3585,

■ 87.6986, -2.7787,

35.1746

11.2057

■ 92.0633, -4.9272,
4.9443

■ 96.3539, -7.8498,
1.0199

■ 98.3588, -11.0930,
3.3851

Harmonies

Analogous

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



68.1693, 35.4975, 25.4241



68.1676, 13.7534, 32.8288



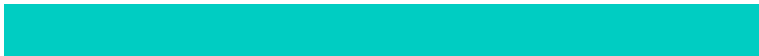
68.1693, -10.1895, 34.0226

Triad

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



68.1693, 13.7500, 32.8296



68.1693, -42.8558, -2.9506



68.1693, 26.8535, -39.2889

Complementary

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



68.1676, 13.7534, 32.8288



59.5449, -3.8999, -43.1544

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.



68.1693, 3.1645, -54.0344



68.1676, 13.7534, 32.8288



68.1693, -35.5546, -28.8650

Square

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



68.1693, 13.7500, 32.8296



68.1693, -40.8234, 17.6777



68.1693, -19.4464, -49.6815



68.1693, 43.7480, -14.0273

Rectangle

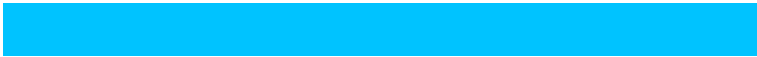
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1676, 13.7534, 32.8288



68.1693, -23.9011, 31.7292



68.1693, -19.4464, -49.6815



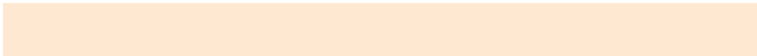
68.1693, 19.3019, -45.9718

Sweetspot

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



68.1693, 13.7500, 32.8296



91.5385, -0.8321, 17.2784



53.7982, 58.1484, -5.5914



41.7386, 0.0077, 8.7904

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1693, 13.7500, 32.8296



69.6063, 21.1692, 38.1265



89.1060, -21.1689, 47.3320



40.3939, -1.3253, 5.0246



41.7741, 24.6538, 26.1726



12.5013, 5.1484, 7.7934

Inverse Universe

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



59.5449, -3.8999, -43.1544



58.6346, -0.3816, -59.5416



40.9050, 33.5740, -90.3377



39.7179, -2.7930, -0.8360



32.4399, 8.9200, -59.8029



10.0925, 0.6181, -13.9491

Previews

White Background



This preview shows how the HunterLab color 68.1676, 13.7534, 32.8288 looks on a white background.

Color Contrast Check

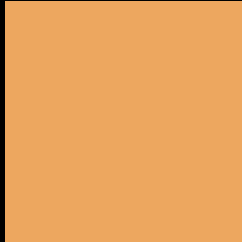
Large Text (above 18pt) WCAG AA × Fail

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 68.1676, 13.7534, 32.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

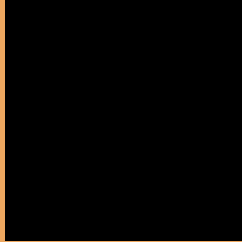
Any Text WCAG AA ✓ Pass

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 68.1676, 13.7534, 32.8288 Background



This preview shows how black text looks on a background with the HunterLab color 68.1676, 13.7534, 32.8288.



This preview shows how white text looks on a background with the HunterLab color 68.1676, 13.7534,

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

68.1676, 13.7534, 32.8288

Protanopia

68.3047, -7.5601, 31.4913

Deuteranopia

68.1053, 5.0364, 32.8353



Tritanopia

68.1254, 28.6752, 9.3826

Trichromacy



Original Color

68.1676, 13.7534, 32.8288

Protanomaly

68.1706, -0.5072, 31.9475

Deuteranomaly

68.1381, 8.0178, 32.9122

Tritanomaly

67.9512, 22.8804, 19.5975

Monochromacy



Original Color

68.1676, 13.7534, 32.8288

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.2662, 1.2791, 16.4093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1676, 13.7534, 32.8288 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(237, 167, 95)` looks like.

```
.text, #text, p{  
    color:rgb(237, 167, 95)  
}
```

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(237, 167, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 167, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1676, 13.7534, 32.8288 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(237, 167, 95) }
```


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

```
.border{ border-color:rgb(237, 167, 95) }
```

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

Here you see how a box with a 4 pixel rgb(237, 167, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 167, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 167, 95);  
box-shadow:4px 4px 4px 4px rgb(237, 167,  
95) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1676, 13.7534, 32.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 167, 95) }
```

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

```
.background{ background-color: rgb(237,  
167, 95) }
```

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