

Converting Colors

HunterLab(68.5868, 23.4519,
30.8852)

Have a look what the booklet for
HunterLab(68.5868, 23.4519,
30.8852) contains.

HunterLab(68.5854, 23.4567, 30.8850)	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(68.5854, 23.4567,
30.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA16A
RGB	251, 161, 106
RGB Percent	98%, 63%, 42%
CMY	0.0157, 0.3686, 0.5843
CMYK	0.00, 0.36, 0.58, 0.02
HSL	23°, 95%, 70%
HSV	23°, 58%, 98%
XYZ	55.1300, 47.0396, 19.8096
YIQ	181.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

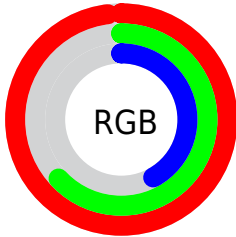
Format	Color
R _Y B	251, 195, 106
Decimal	16490858
CIE Lab	74.22, 28.12, 42.22
CIE LCh	74, 50.726, 56.330
Yxy	47.0420, 0.4520, 0.3856
Android (android.graphics.Color)	4294680938 (0xFFFB16A)
YUV	181.6400, -37.2905, 60.8287
Hunter-Lab	68.5854, 23.4567, 30.8850

Details

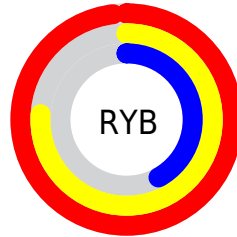
The HunterLab color **68.5854, 23.4567, 30.8850** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70.3609, -13.8025, -33.7916**, and the grayscale version is **68.3755, -3.6483, 3.7150**.

A 20% lighter version of the original color is **85.3466, 1.1614, 30.1386**, and **47.0955, 21.5942, 24.5249** is the 20% darker color. If you saturate the color by 10%, you get **64.4079, 29.8912, 33.0629**, and if you desaturate by 10%, it is **73.0967, 17.4451, 27.9010**.

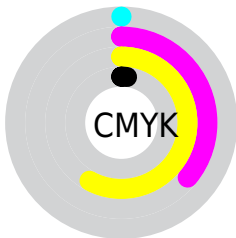
Distribution



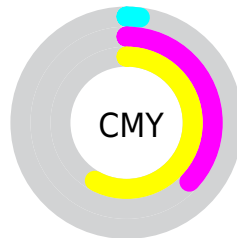
- Red (98%)
- Green (63%)
- Blue (42%)



- Red (98%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (58%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.5854, 23.4567, 30.8850 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 68.5854, 23.4567, 30.8850 by changing the saturation by 10% instead.


 68.5854, 23.4567,
30.8850


 68.5854, 23.4567,
30.8850

193.6445, 26.6471,
54.8859


 57.5055, 22.7235,
27.8045


 92.6155, 24.6427,
36.6926


 47.0948, 21.8912,
24.5674


 105.5017, 25.1187,
39.4587

 37.4014, 20.9439,
21.1365


 118.9358, 25.5239,
42.1533

 28.4829, 19.8676,
17.4643

 132.8961, 25.8635,
44.7877

 20.4137, 18.6484,
14.2896

147.3635, 26.1419,
47.3712

 13.2948, 17.2828,
9.3063

162.3208, 26.3632,

 6.8323, 18.4644,

49.9114

4.7826

177.7526, 26.5306,
52.4145

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.5854, 23.4567,
30.8850

■ 68.5854, 23.4567,
30.8850

■ 64.4079, 29.8912,
33.0629

■ 73.0967, 17.4451,
27.9010

■ 60.5956, 36.6951,
34.3451

■ 77.9021, 11.8908,
24.2049

■ 57.1862, 43.7416,
34.6809

■ 82.9720, 6.7856,
19.8911

■ 54.2100, 50.8271,
34.1178

■ 88.2787, 2.1086,
15.0441

■ 53.6029, 52.3680,

■ 93.7979, -2.1702,

33.9466

9.7368

99.4563, -6.3702,
4.7734

99.6239, -6.6467,
4.9667

Harmonies

Analogous

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



68.5871, 42.1078, 20.3021



68.5854, 23.4567, 30.8850



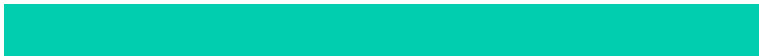
68.5871, -0.7243, 34.4207

Triad

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



68.5871, 23.4530, 30.8859



68.5871, -43.4487, 6.4485



68.5871, 17.7261, -47.5448

Complementary

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



68.5854, 23.4567, 30.8850



70.3609, -13.8025, -33.7916

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.



68.5871, -6.5536, -55.0923



68.5854, 23.4567, 30.8850



68.5871, -39.8911, -18.3939

Square

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



68.5871, 23.4530, 30.8859



68.5871, -37.5967, 23.6692



68.5871, -27.1279, -42.9890



68.5871, 38.4990, -24.8867

Rectangle

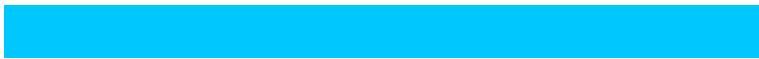
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.5854, 23.4567, 30.8850



68.5871, -16.0036, 33.6518



68.5871, -27.1279, -42.9890



68.5871, 9.6162, -52.2054

Sweetspot

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



68.5871, 23.4530, 30.8859



90.2967, 1.8047, 14.9251



59.0653, 63.1870, -16.0264



41.2629, 1.2595, 7.3858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5871, 23.4530, 30.8859



65.0542, 31.3077, 33.8838



88.9243, -12.8007, 45.4788



42.7835, -0.6724, 4.9232



39.1938, 37.0814, 24.8002



12.7274, 9.2479, 8.0045

Inverse Universe

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



70.3609, -13.8025, -33.7916



67.0515, -12.6759, -42.5616



49.7810, 23.0816, -77.6209



42.9390, -3.7234, -0.3735



40.5103, -2.4737, -45.2942



13.1311, -2.0412, -12.0064

Previews

White Background



This preview shows how the HunterLab color 68.5854, 23.4567, 30.8850 looks on a white background.

Color Contrast Check

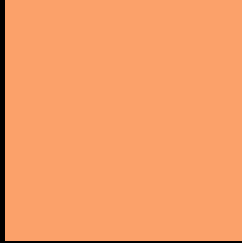
Large Text (above 18pt) WCAG AA × Fail

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 68.5854, 23.4567, 30.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

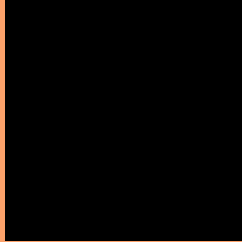
Any Text WCAG AA ✓ Pass

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 68.5854, 23.4567, 30.8850 Background



This preview shows how black text looks on a background with the HunterLab color 68.5854, 23.4567, 30.8850.



This preview shows how white text looks on a background with the HunterLab color 68.5854, 23.4567,

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

68.5854, 23.4567, 30.8850

Protanopia

68.7197, -7.2057, 28.4835

Deuteranopia

68.5123, 5.2021, 31.2034



Tritanopia

68.6206, 34.9157, 12.1379

Trichromacy



Original Color

68.5854, 23.4567, 30.8850

Protanomaly

68.3470, 3.4357, 29.1292

Deuteranomaly

68.3367, 11.7740, 30.9520

Tritanomaly

68.7011, 30.3760, 20.0940

Monochromacy



Original Color

68.5854, 23.4567, 30.8850

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

67.7278, 4.5588, 15.0503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5854, 23.4567, 30.8850 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, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(251, 161, 106)  
}
```

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, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 161, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5854, 23.4567, 30.8850 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, 161, 106) }
```


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

```
.border{ border-color:rgb(251, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(251, 161,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5854, 23.4567, 30.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 161, 106) }
```

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

```
.background{ background-color: rgb(251,  
161, 106) }
```

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