

Converting Colors

HunterLab(30.3250, -0.1588,
-5.6260)

Have a look what the booklet for
HunterLab(30.3250, -0.1588,
-5.6260) contains.

HunterLab(30.3083, -0.0883, -5.4107)	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(30.3083, -0.0883,
-5.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	515565
RGB	81, 85, 101
RGB Percent	32%, 33%, 40%
CMY	0.6823, 0.6667, 0.6039
CMYK	0.20, 0.16, 0.00, 0.60
HSL	228°, 11%, 36%
HSV	228°, 20%, 40%
XYZ	8.9908, 9.1859, 13.6111
YIQ	85.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

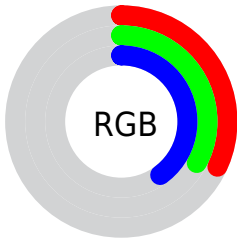
Format	Color
R_{YB}	81, 84, 101
Decimal	5330277
CIE Lab	36.34, 2.22, -9.76
CIE LCh	36, 10.008, 282.791
Yxy	9.1863, 0.2828, 0.2890
Android (android.graphics.Color)	4283520357 (0xFF515565)
YUV	85.6280, 7.5784, -4.0588
Hunter-Lab	30.3083, -0.0883, -5.4107

Details

The HunterLab color $[30.3083, -0.0883, -5.4107]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[34.5112, -2.8439, 7.8415]$, and the grayscale version is $[30.3452, -1.6191, 1.6487]$.

A 20% lighter version of the original color is $[49.4168, -0.9026, -5.2062]$, and $[14.6935, 0.4318, -5.0210]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.5179, 1.0693, -9.5524]$, and if you desaturate by 10%, it is $[33.1842, -1.0819, -1.5689]$.

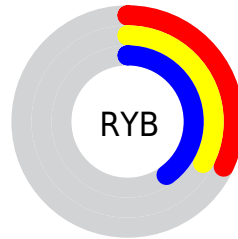
Distribution



Red (32%)

Green (33%)

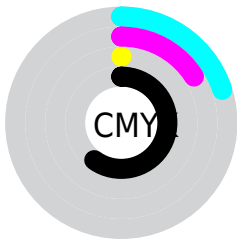
Blue (40%)



Red (32%)

Yellow (33%)

Blue (40%)

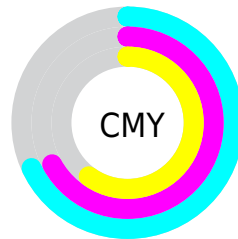


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (60%)



Cyan (68%)

Magenta (67%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3083, -0.0883, -5.4107 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 30.3083, -0.0883, -5.4107 by changing the saturation by 10% instead.

■ 30.3083, -0.0883,
-5.4107

■ 30.3083, -0.0883,
-5.4107

■ 135.9271, -4.7524,
-3.4924

■ 22.0520, 0.2015,
-5.3070

■ 49.2477, -0.8365,
-5.3822

■ 14.7209, 0.4237,
-5.1135

■ 59.8045, -1.2820,
-5.2674

■ 8.3782, 0.7049,
-4.9735

■ 71.0234, -1.7698,
-5.0939

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.8676, -2.2968,
-4.8666

0.0000, NaN, NaN

■ 95.3055, -2.8605,
-4.5897

0.0000, NaN, NaN

0.0000, NaN, NaN

108.3100, -3.4588,

-4.2664

0.0000, NaN, NaN

121.8575, -4.0900,
-3.8998

■ 30.3083, -0.0883,
-5.4107

■ 30.3083, -0.0883,
-5.4107

■ 27.5179, 1.0693,
-9.5524

■ 33.1842, -1.0819,
-1.5689

■ 24.8241, 2.4319,
-14.0673

■ 36.1340, -1.9408,
2.0295

■ 22.2440, 4.0480,
-19.0397

■ 39.1503, -2.6899,
5.4314

■ 19.7998, 5.9762,
-24.5631

■ 42.2268, -3.3485,
8.6741

■ 17.5212, 8.2803,
-30.7215

■ 45.3583, -3.9316,
11.7870

■ 15.4476, 11.0129,
-37.5438

■ 48.5406, -4.4513,
14.7939

■ 13.6302, 14.1751,
-44.9091

■ 51.7700, -4.9173,
17.7138

■ 12.0590, 17.5033,
-52.7972

■ 55.0435, -5.3375,
20.5621

■ 12.0298, 17.5682,
-52.9609

■ 58.3583, -5.7183,
23.3513

Harmonies

Analogous

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



30.3089, -3.6171, -5.2509



30.3083, -0.0883, -5.4107



30.3089, 3.1717, -3.5269

Triad

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



30.3089, -0.0888, -5.4101



30.3089, 3.5685, 5.7474



30.3089, -7.8829, 3.5134

Complementary

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



30.3083, -0.0883, -5.4107



34.5112, -2.8439, 7.8415

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.



30.3089, -6.1291, 6.0489



30.3083, -0.0883, -5.4107



30.3089, 0.4326, 7.2329

Square

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



30.3089, -0.0888, -5.4101



30.3089, 5.3478, 3.0560



30.3089, -3.1191, 7.3365



30.3089, -8.0080, 0.1729

Rectangle

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



30.3083, -0.0883, -5.4107



30.3089, 4.7107, -1.4804



30.3089, -3.1191, 7.3365



30.3089, -7.4681, 4.4781

Sweetspot

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



30.3089, -0.0888, -5.4101



44.8730, -1.8449, -0.3093



34.5163, -7.7095, 1.8468



22.1800, -0.8916, -0.2507



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.3089, -0.0888, -5.4101



37.9162, 0.5928, -9.6775



29.7236, 3.1790, -6.1879



16.8647, -0.5858, -0.6291



13.5760, 20.7573, -61.7778



29.2876, 53.2132, -151.4791

Inverse Universe

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



30.5085, 4.8211, 2.1806



38.2941, 8.5639, 3.0203



35.1460, -6.1815, 8.4159



16.8955, 0.5409, 1.0126



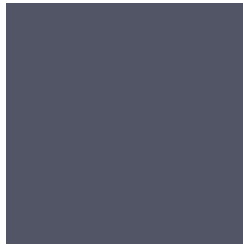
19.2083, 33.2159, 9.9227



43.7478, 75.4161, 24.4198

Previews

White Background



This preview shows how the HunterLab color 30.3083, -0.0883, -5.4107 looks on a white 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

Black Background



This preview shows how the HunterLab color 30.3083, -0.0883, -5.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

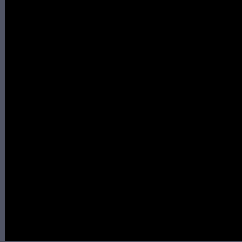
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

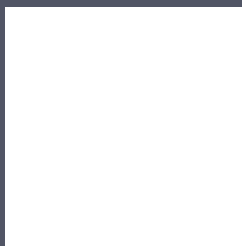
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 30.3083, -0.0883, -5.4107 Background



This preview shows how black text looks on a background with the HunterLab color 30.3083, -0.0883, -5.4107.



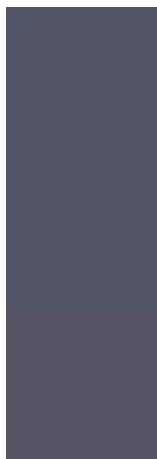
This preview shows how white text looks on a background with the HunterLab color 30.3083, -0.0883, -5.4107.

-5.4107.

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

30.3083, -0.0883, -5.4107

Protanopia

30.3816, 0.1628, -5.3030

Deuteranopia

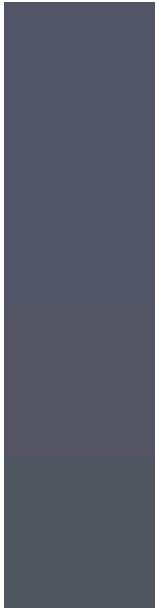
30.1737, 2.0939, -5.5628



Tritanopia

30.2512, -2.1247, -1.6933

Trichromacy



Original Color

30.3083, -0.0883, -5.4107

Protanomaly

30.3816, 0.1628, -5.3030

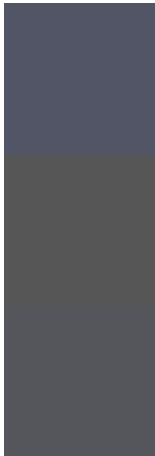
Deuteranomaly

30.2738, 1.1209, -5.4381

Tritanomaly

30.3407, -1.6338, -2.9580

Monochromacy



Original Color

30.3083, -0.0883, -5.4107

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.4889, -1.4120, -0.4848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3083, -0.0883, -5.4107 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(81, 85, 101)` looks like.

```
.text, #text, p{  
    color:rgb(81, 85, 101)  
}
```

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(81, 85, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 85, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3083, -0.0883, -5.4107 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(81, 85, 101) }
```


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

```
.border{ border-color:rgb(81, 85, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 85, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 85, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 85, 101);  
box-shadow:4px 4px 4px 4px rgb(81, 85,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3083, -0.0883, -5.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 85, 101) }
```

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

```
.background{ background-color: rgb(81, 85,  
101) }
```

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