

Converting Colors

HunterLab(30.1618, 5.8863,
-8.7088)

Have a look what the booklet for
HunterLab(30.1618, 5.8863, -8.7088)
contains.

HunterLab(30.0383, 5.8878, -8.8430)	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(30.0383, 5.8878,
-8.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	5B506B
RGB	91, 80, 107
RGB Percent	36%, 31%, 42%
CMY	0.6431, 0.6863, 0.5804
CMYK	0.15, 0.25, 0.00, 0.58
HSL	264°, 14%, 37%
HSV	264°, 25%, 42%
XYZ	9.8369, 9.0230, 15.1330
YIQ	86.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

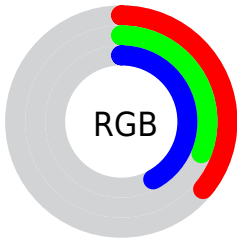
Format	Color
R_{YB}	91, 80, 107
Decimal	5984363
CIE _{Lab}	36.03, 10.49, -13.89
CIE _{LCh}	36, 17.409, 307.056
Yxy	9.0234, 0.2894, 0.2654
Android (android.graphics.Color)	4284174443 (0xFF5B506B)
YUV	86.3670, 10.1721, 4.0631
Hunter-Lab	30.0383, 5.8878, -8.8430

Details

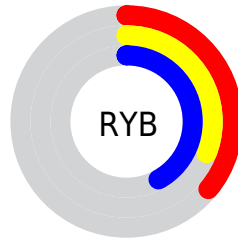
The HunterLab color $30.0383, 5.8878, -8.8430$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $36.8532, -8.6480, 10.3467$, and the grayscale version is $30.6050, -1.6330, 1.6628$.

A 20% lighter version of the original color is $48.8179, 6.0030, -9.1004$, and $14.4437, 5.6050, -8.5501$ is the 20% darker color. If you saturate the color by 10%, you get $26.9638, 9.1901, -13.8105$, and if you desaturate by 10%, it is $33.2462, 2.6816, -4.2735$.

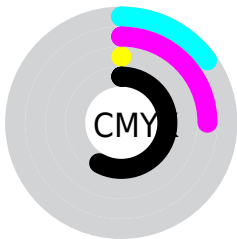
Distribution



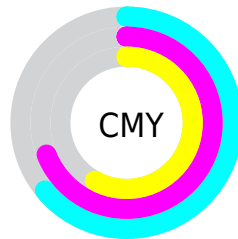
- Red (36%)
- Green (31%)
- Blue (42%)



- Red (36%)
- Yellow (31%)
- Blue (42%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (69%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0383, 5.8878, -8.8430 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 30.0383, 5.8878, -8.8430 by changing the saturation by 10% instead.

■ 30.0383, 5.8878,
-8.8430

■ 30.0383, 5.8878,
-8.8430

■ 135.4814, 4.7838,
-8.3723

■ 21.8092, 5.6425,
-8.5626

■ 48.9301, 6.0890,
-9.1680

■ 14.5089, 5.2736,
-8.2071

■ 59.4656, 6.0730,
-9.2240

■ 8.1699, 5.1794,
-8.0689

■ 70.6646, 5.9912,
-9.2163

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 82.4898, 5.8501,
-9.1498

0.0000, NaN, NaN

■ 94.9096, 5.6549,
-9.0286

0.0000, NaN, NaN

107.8969, 5.4098,

0.0000, NaN, NaN

-8.8566

0.0000, NaN, NaN

121.4278, 5.1185,
-8.6369

■ 30.0383, 5.8878,
-8.8430

■ 30.0383, 5.8878,
-8.8430

■ 26.9638, 9.1901,
-13.8105

■ 33.2462, 2.6816,
-4.2735

■ 24.0457, 12.5975,
-19.2610

■ 36.5668, -0.4406,
-0.0294

■ 21.3174, 16.0977,
-25.2704

■ 39.9862, -3.4944,
3.9529

■ 18.8228, 19.6363,
-31.8729

■ 43.4931, -6.4936,
7.7243

■ 16.6183, 23.0746,
-38.9837

■ 47.0784, -9.4505,
11.3259

■ 14.7715, 26.1370,
-46.2725

■ 50.7348, -12.3751,
14.7902

■ 13.2948, 28.6113,
-53.3405

■ 54.4562, -15.2758,
18.1435

■ 12.6017, 30.0043,
-57.1554

■ 58.2378, -18.1594,
21.4066

■ 62.0752, -21.0316,
24.5963

Harmonies

Analogous

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



30.0389, -0.1325, -11.8660



30.0383, 5.8878, -8.8430



30.0389, 10.1249, -3.1075

Triad

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



30.0389, 5.8872, -8.8423



30.0389, 3.1637, 10.2846



30.0389, -12.4988, 0.2149

Complementary

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



30.0383, 5.8878, -8.8430



36.8532, -8.6480, 10.3467

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.



30.0389, -11.7712, 5.7117



30.0383, 5.8878, -8.8430



30.0389, -3.0485, 10.8202

Square

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



30.0389, 5.8872, -8.8423



30.0389, 8.4660, 7.6739



30.0389, -8.4269, 9.3217



30.0389, -10.5013, -5.9949

Rectangle

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



30.0383, 5.8878, -8.8430



30.0389, 11.1909, 1.0495



30.0389, -8.4269, 9.3217



30.0389, -12.5620, 2.2092

Sweetspot

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



30.0389, 5.8872, -8.8423



47.5866, 0.6508, -1.6994



33.4209, -4.2035, -4.1567



23.1420, 0.5716, -1.1757



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



30.0389, 5.8872, -8.8423



37.8620, 10.3428, -15.4928



31.2414, 9.6999, -6.9779



17.5492, 0.3556, -0.7848



13.8371, 33.0292, -63.4048



30.4539, 73.7601, -147.8153

Inverse Universe

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



31.1577, 8.7424, -1.7065



39.7469, 14.9775, -3.2518



35.9446, -12.0177, 9.4193



17.7315, 0.8610, 0.3256



20.5883, 37.3760, -3.1142



46.2850, 83.6857, -4.3650

Previews

White Background



This preview shows how the HunterLab color 30.0383, 5.8878, -8.8430 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 30.0383, 5.8878, -8.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

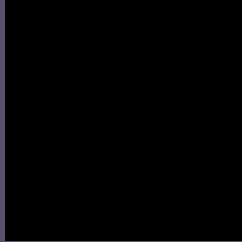
Any Text WCAG AA × Fail

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 30.0383, 5.8878, -8.8430 Background



This preview shows how black text looks on a background with the HunterLab color 30.0383, 5.8878, -8.8430.



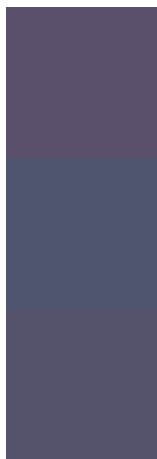
This preview shows how white text looks on a background with the HunterLab color 30.0383, 5.8878, -8.8430.

-8.8430.

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

30.0383, 5.8878, -8.8430

Protanopia

30.1432, 1.2951, -10.4193

Deuteranopia

30.0349, 1.9634, -8.3756



Tritanopia

29.9990, 0.8347, -0.6176

Trichromacy



Original Color

30.0383, 5.8878, -8.8430

Protanomaly

30.2153, 2.7779, -9.7227

Deuteranomaly

30.0108, 3.1835, -8.3907

Tritanomaly

30.0049, 2.5105, -3.3343

Monochromacy



Original Color

30.0383, 5.8878, -8.8430

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.3702, 1.0142, -1.9418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0383, 5.8878, -8.8430 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(91, 80, 107)` looks like.

```
.text, #text, p{  
    color:rgb(91, 80, 107)  
}
```

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(91, 80, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 80, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0383, 5.8878, -8.8430 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(91, 80, 107) }
```


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

```
.border{ border-color:rgb(91, 80, 107) }
```

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

Here you see how a box with a 4 pixel rgb(91, 80, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 80, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 80, 107);  
box-shadow:4px 4px 4px 4px rgb(91, 80,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0383, 5.8878, -8.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 80, 107) }
```

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

```
.background{ background-color: rgb(91, 80,  
107) }
```

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