

Converting Colors

HunterLab(31.2332, -5.6001,
3.0969)

Have a look what the booklet for
HunterLab(31.2332, -5.6001, 3.0969)
contains.

HunterLab(31.2802, -5.8600, 3.2741)	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(31.2802, -5.8600,
3.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5B54
RGB	79, 91, 84
RGB Percent	31%, 36%, 33%
CMY	0.6902, 0.6431, 0.6706
CMYK	0.13, 0.00, 0.08, 0.64
HSL	145°, 7%, 33%
HSV	145°, 13%, 36%
XYZ	8.5658, 9.7845, 9.8246
YIQ	86.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

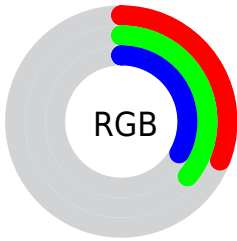
Format	Color
R_{YB}	79, 87, 91
Decimal	5200724
CIE Lab	37.45, -6.23, 2.46
CIE LCh	37, 6.697, 158.485
Yxy	9.7849, 0.3040, 0.3473
Android (android.graphics.Color)	4283390804 (0xFF4F5B54)
YUV	86.6140, -1.2887, -6.6775
Hunter-Lab	31.2802, -5.8600, 3.2741

Details

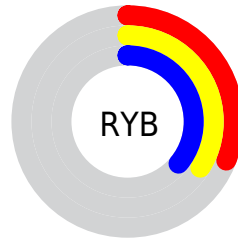
The HunterLab color $[31.2802, -5.8600, 3.2741]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[29.1346, 2.8711, 0.0852]$, and the grayscale version is $[30.7368, -1.6400, 1.6700]$.

A 20% lighter version of the original color is $[50.3313, -7.7139, 4.7388]$, and $[15.4291, -3.8892, 2.0633]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.5630, -8.7480, 4.4436]$, and if you desaturate by 10%, it is $[32.0759, -2.7567, 2.1207]$.

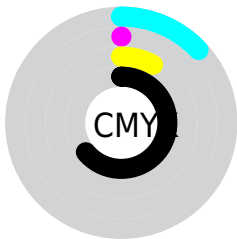
Distribution



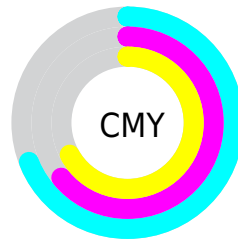
- Red (31%)
- Green (36%)
- Blue (33%)



- Red (31%)
- Yellow (34%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (64%)



- Cyan (69%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2802, -5.8600, 3.2741 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 31.2802, -5.8600, 3.2741 by changing the saturation by 10% instead.

■ 31.2802, -5.8600,
3.2741

■ 31.2802, -5.8600,
3.2741

137.5246,
-14.3274, 10.1045

■ 22.9273, -4.9786,
2.6565

■ 50.3887, -7.6395,
4.5989

■ 15.4874, -4.0881,
2.0666

■ 61.0212, -8.5460,
5.3046

■ 9.0838, -3.4739,
1.6152

■ 72.3115, -9.4672,
6.0385

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2232, -10.4046,
6.7998

0.0000, NaN, NaN

■ 96.7254, -11.3588,
7.5877

0.0000, NaN, NaN

109.7915,

0.0000, NaN, NaN

-12.3306, 8.4016

0.0000, NaN, NaN

123.3981,
-13.3200, 9.2408

■ 31.2802, -5.8600,
3.2741

■ 31.2802, -5.8600,
3.2741

■ 30.5630, -8.7480,
4.4436

■ 32.0759, -2.7567,
2.1207

■ 29.9240, -11.3938,
5.6182

■ 32.9458, 0.5380,
0.9901

■ 29.3648, -13.7753,
6.7874

■ 33.8879, 3.9981,
-0.1104

■ 28.8856, -15.8734,
7.9394

■ 34.8991, 7.5993,
-1.1759

■ 28.4853, -17.6745,
9.0615

■ 35.9761, 11.3194,
-2.2026

■ 28.1619, -19.1719,
10.1412

■ 37.1157, 15.1382,
-3.1880

■ 27.9115, -20.3674,
11.1661

■ 38.3146, 19.0378,
-4.1309

■ 27.7243, -21.2933,
12.1203

■ 39.5695, 23.0028,
-5.0307

■ 27.6078, -21.8714,
12.7067

■ 40.8772, 27.0200,
-5.8879

Harmonies

Analogous

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



31.2809, -4.4988, 4.9563



31.2802, -5.8600, 3.2741



31.2809, -6.1175, 1.0462

Triad

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



31.2809, -5.8606, 3.2745



31.2809, -0.9850, -2.9718



31.2809, 2.0347, 4.3202

Complementary

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



31.2802, -5.8600, 3.2741



29.1346, 2.8711, 0.0852

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.



31.2809, 3.0392, 2.3453



31.2802, -5.8600, 3.2741



31.2809, 1.2615, -1.9429

Square

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



31.2809, -5.8606, 3.2745



31.2809, -3.3499, -2.6759



31.2809, 2.7520, 0.0448



31.2809, 0.0446, 5.5276

Rectangle

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



31.2802, -5.8600, 3.2741



31.2809, -5.6352, -0.4704



31.2809, 2.7520, 0.0448



31.2809, 2.5015, 3.7303

Sweetspot

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



31.2809, -5.8606, 3.2745



41.8391, -3.9953, 2.9129



31.6782, -4.6734, 5.5931



20.5414, -2.0733, 1.4714



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



31.2809, -5.8606, 3.2745



40.5794, -8.9440, 4.7853



31.4319, -5.0151, 1.1177



16.1247, -2.3134, 1.4129



33.5727, -26.7176, 15.7128



78.4553, -63.1937, 38.3547

Inverse Universe

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



29.1346, 2.8711, 0.0852



37.0844, 5.2830, -0.4052



28.9801, 2.0463, 2.2865



15.3873, 0.6850, 0.3166



19.1374, 34.7057, -2.6130



44.5820, 80.4867, -3.2747

Previews

White Background



This preview shows how the HunterLab color 31.2802, -5.8600, 3.2741 looks on a white background.

Color Contrast Check

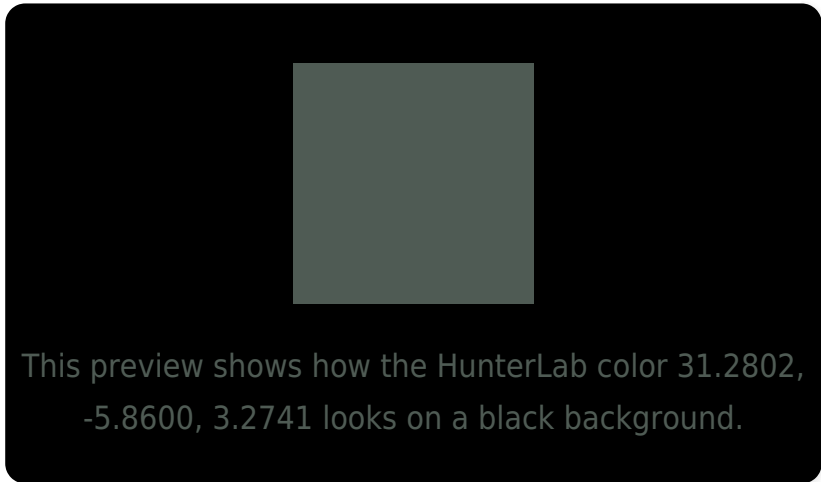
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

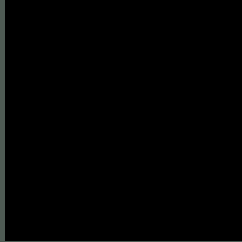
Any Text WCAG AA × Fail

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 31.2802, -5.8600, 3.2741 Background



This preview shows how black text looks on a background with the HunterLab color 31.2802, -5.8600, 3.2741.



This preview shows how white text looks on a background with the HunterLab color 31.2802, -5.8600,

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

31.2802, -5.8600, 3.2741

Protanopia

31.3254, -1.6712, 4.1644

Deuteranopia

31.1356, 1.7989, 2.8514



Tritanopia

31.2068, -2.6919, -1.8427

Trichromacy



Original Color

31.2802, -5.8600, 3.2741

Protanomaly

31.2978, -3.0756, 3.7288

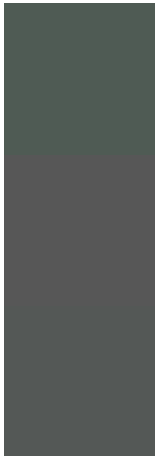
Deuteranomaly

31.0579, -1.1061, 2.7117

Tritanomaly

31.2898, -4.0067, 0.0245

Monochromacy



Original Color

31.2802, -5.8600, 3.2741

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.8807, -3.0264, 2.0719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2802, -5.8600, 3.2741 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(79, 91, 84)` looks like.

```
.text, #text, p{  
    color:rgb(79, 91, 84)  
}
```

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(79, 91, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 91, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2802, -5.8600, 3.2741 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(79, 91, 84) }
```


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

```
.border{ border-color:rgb(79, 91, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 91, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 91, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 91, 84);  
box-shadow:4px 4px 4px 4px rgb(79, 91, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2802, -5.8600, 3.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 91, 84) }
```

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

```
.background{ background-color: rgb(79, 91,  
84) }
```

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