

Converting Colors

HunterLab(21.6768, -5.7640,
13.2563)

Have a look what the booklet for
HunterLab(21.6768, -5.7640,
13.2563) contains.

HunterLab(21.8100, -5.8580, 13.3367)	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(21.8100, -5.8580,
13.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	404000
RGB	64, 64, 0
RGB Percent	25%, 25%, 0%
CMY	0.7490, 0.7490, 1.0000
CMYK	0.00, 0.00, 1.00, 0.75
HSL	60°, 100%, 13%
HSV	60°, 100%, 25%
XYZ	3.9477, 4.7568, 0.7101
YIQ	56.7040, 20.5440, -19.9040

Conversions

Conversions Part 2

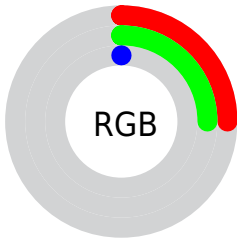
Format	Color
RYB	0, 64, 0
Decimal	4210688
CIELab	26.03, -8.01, 34.72
CIELCh	26, 35.635, 102.989
Yxy	4.7570, 0.4193, 0.5053
Android (android.graphics.Color)	4282400768 (0xFF404000)
YUV	56.7040, -27.9551, 6.3986
Hunter-Lab	21.8100, -5.8580, 13.3367

Details

The HunterLab color **21.8100, -5.8580, 13.3367** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.0848, 16.5025, -43.2274**, and the grayscale version is **20.2142, -1.0786, 1.0983**.

A 20% lighter version of the original color is **38.9462, -7.7566, 19.4391**, and **8.1202, -4.2550, 4.9292** is the 20% darker color. If you saturate the color by 10%, you get **21.8105, -5.8588, 13.3370**, and if you desaturate by 10%, it is **21.8427, -5.6759, 12.8610**.

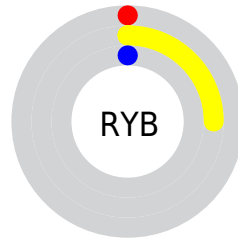
Distribution



Red (25%)

Green (25%)

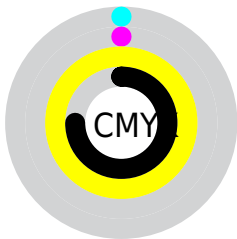
Blue (0%)



Red (0%)

Yellow (25%)

Blue (0%)

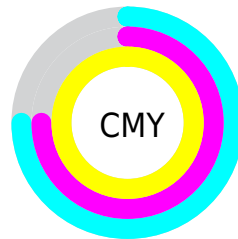


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8100, -5.8580, 13.3367 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 21.8100, -5.8580, 13.3367 by changing the saturation by 10% instead.

■ 21.8100, -5.8580,
13.3367

■ 21.8100, -5.8580,
13.3367

■ 121.4301,
-15.0620, 37.2885

■ 14.5100, -4.8155,
10.1570

■ 39.1043, -7.8738,
19.5977

■ 8.1710, -4.7076,
5.7197

■ 48.9318, -8.8738,
22.4418

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4674, -9.8781,
25.1387

0.0000, NaN, NaN

■ 70.6665, -10.8907,
27.7202

0.0000, NaN, NaN

■ 82.4917, -11.9139,
30.2099

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9117, -12.9494,

32.6259

0.0000, NaN, NaN

■ 107.8991,
-13.9985, 34.9819

■ 21.8100, -5.8580,
13.3367

■ 21.8100, -5.8580,
13.3367

■ 21.8105, -5.8588,
13.3370

■ 21.8427, -5.6759,
12.8610

■ 21.8759, -5.4872,
12.3698

■ 21.9197, -5.2391,
11.7240

■ 21.9769, -4.9155,
10.8819

■ 22.0484, -4.5122,
9.8320

■ 22.1350, -4.0257,
8.5655

■ 22.2373, -3.4534,
7.0757

■ 22.3559, -2.7936,
5.3580

■ 22.4911, -2.0452,
3.4096

Harmonies

Analogous

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



21.8105, 5.5979, 13.2138



21.8100, -5.8580, 13.3367



21.8105, -14.1458, 11.5712

Triad

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



21.8105, -5.8588, 13.3368



21.8105, -14.9493, -18.2552



21.8105, 23.8884, -5.8058

Complementary

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



21.8100, -5.8580, 13.3367



6.0848, 16.5025, -43.2274

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.



21.8105, 15.8095, -20.1273



21.8100, -5.8580, 13.3367



21.8105, -7.1925, -29.4789

Square

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



21.8105, -5.8588, 13.3368



21.8105, -18.6241, -4.0162



21.8105, 3.9628, -30.2996



21.8105, 24.4501, 5.3587

Rectangle

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



21.8100, -5.8580, 13.3367



21.8105, -17.4084, 8.6708



21.8105, 3.9628, -30.2996



21.8105, 21.8965, -10.5101

Sweetspot

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



21.8105, -5.8588, 13.3368



29.2753, -4.6580, 9.6041



10.4407, 17.8792, 6.7463



15.3529, -2.5196, 5.2354



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.8105, -5.8588, 13.3368



28.7325, -7.7183, 17.5697



19.9352, -13.1352, 12.0539



12.3076, -1.0557, 1.7013



33.2665, -8.9362, 20.3422



83.3286, -22.3844, 50.9548

Inverse Universe

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



6.0848, 16.5025, -43.2274



8.0154, 21.7415, -56.9509



8.2300, 18.5909, -29.5489



11.4211, -0.1795, -0.4923



9.2802, 25.1724, -65.9380



23.2456, 63.0536, -165.1684

Previews

White Background



This preview shows how the HunterLab color 21.8100, -5.8580, 13.3367 looks on a white background.

Color Contrast Check

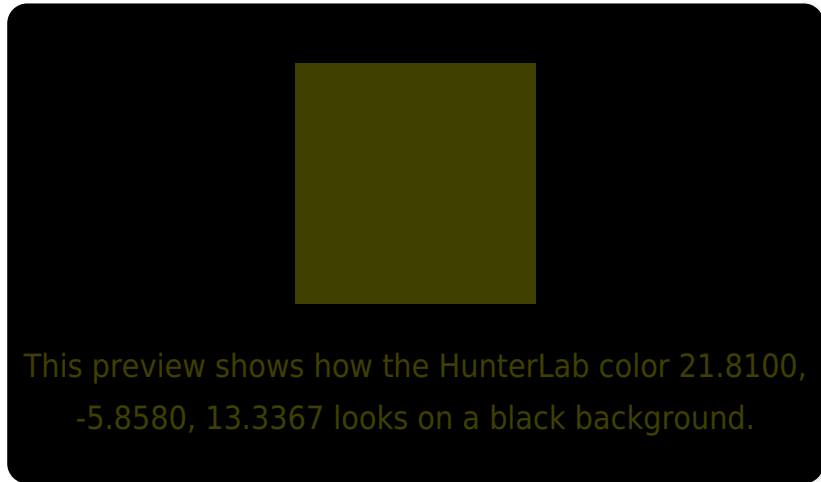
Large Text (above 18pt) WCAG AA ✓ Pass

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

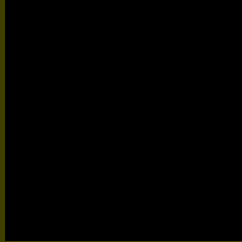
Any Text WCAG AA × Fail

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 21.8100, -5.8580, 13.3367 Background



This preview shows how black text looks on a background with the HunterLab color 21.8100, -5.8580, 13.3367.



This preview shows how white text looks on a background with the HunterLab color 21.8100, -5.8580,

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

21.8100, -5.8580, 13.3367

Protanopia

21.7884, -3.3248, 13.3677

Deuteranopia

21.8393, 0.6916, 12.6898



Tritanopia

21.7418, 1.9616, 0.2042

Trichromacy



Original Color

21.8100, -5.8580, 13.3367

Protanomaly

21.8723, -4.3152, 13.4020

Deuteranomaly

21.8337, -1.8343, 12.9538

Tritanomaly

21.6584, -1.7734, 7.5720

Monochromacy



Original Color

21.8100, -5.8580, 13.3367

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.7840, -3.7555, 7.9800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8100, -5.8580, 13.3367 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(64, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 64, 0)  
}
```

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(64, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8100, -5.8580, 13.3367 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(64, 64, 0) }
```


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

```
.border{ border-color:rgb(64, 64, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 64, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 64, 0); box-shadow:4px  
4px 4px 4px rgb(64, 64, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.8100, -5.8580, 13.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 64, 0) }
```

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

```
.background{ background-color: rgb(64, 64,  
0) }
```

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](#).

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