

Converting Colors

HunterLab(22.0317, -1.7706,
3.4416)

Have a look what the booklet for
HunterLab(22.0317, -1.7706, 3.4416)
contains.

HunterLab(21.8804, -1.6914, 3.3149)	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(21.8804, -1.6914,
3.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3E38
RGB	63, 62, 56
RGB Percent	25%, 24%, 22%
CMY	0.7529, 0.7569, 0.7804
CMYK	0.00, 0.02, 0.11, 0.75
HSL	51°, 6%, 23%
HSV	51°, 11%, 25%
XYZ	4.4863, 4.7875, 4.4290
YIQ	61.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

Format	Color
RYB	57, 63, 56
Decimal	4144696
CIELab	26.12, -0.86, 3.84
CIELCh	26, 3.934, 102.584
Yxy	4.7877, 0.3274, 0.3494
Android (android.graphics.Color)	4282334776 (0xFF3F3E38)
YUV	61.6150, -2.7682, 1.2146
Hunter-Lab	21.8804, -1.6914, 3.3149

Details

The HunterLab color **21.8804, -1.6914, 3.3149** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.3120, -0.4720, -1.2189**, and the grayscale version is **21.8238, -1.1645, 1.1857**.

A 20% lighter version of the original color is **39.1102, -2.3905, 4.6047**, and **8.2994, -0.9298, 2.3776** is the 20% darker color. If you saturate the color by 10%, you get **21.5243, -2.0624, 5.0080**, and if you desaturate by 10%, it is **22.2528, -1.2441, 1.4321**.

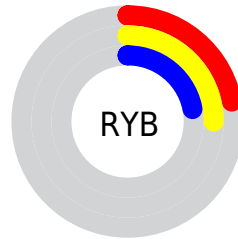
Distribution



Red (25%)

Green (24%)

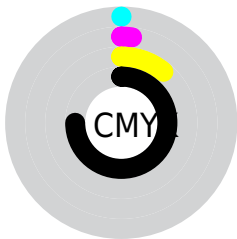
Blue (22%)



Red (22%)

Yellow (25%)

Blue (22%)



Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8804, -1.6914, 3.3149 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 21.8804, -1.6914, 3.3149 by changing the saturation by 10% instead.

■ 21.8804, -1.6914,
3.3149

■ 21.8804, -1.6914,
3.3149

■ 121.5548, -7.4221,
10.5182

■ 14.5714, -1.2346,
2.6172

■ 39.1898, -2.7296,
4.7578

■ 8.2320, -0.8934,
2.3816

■ 49.0239, -3.3045,
5.5107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5657, -3.9138,
6.2867

0.0000, NaN, NaN

■ 70.7706, -4.5558,
7.0863

0.0000, NaN, NaN

■ 82.6013, -5.2289,
7.9094

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.0265, -5.9318,

108.0189, -6.6632,
9.6257

■ 21.8804, -1.6914,
3.3149

■ 21.8804, -1.6914,
3.3149

■ 21.5243, -2.0624,
5.0080

■ 22.2528, -1.2441,
1.4321

■ 21.1833, -2.3543,
6.5066

■ 22.6399, -0.7202,
-0.6369

■ 20.8577, -2.5672,
7.8086

■ 23.0421, -0.1223,
-2.8860

■ 20.5474, -2.7010,
8.9131

■ 23.4591, 0.5477,
-5.3094

■ 20.2524, -2.7565,
9.8207

■ 23.8906, 1.2873,
-7.9004

■ 19.9723, -2.7353,
10.5345

■ 24.3364, 2.0940,
-10.6524

■ 19.7066, -2.6401,
11.0600

■ 24.7962, 2.9653,
-13.5583

■ 19.4515, -2.4919,
11.4521

■ 25.2696, 3.8985,
-16.6110

■ 19.2259, -2.3599,
11.8056

■ 25.7562, 4.8909,
-19.8035

Harmonies

Analogous

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



21.8809, -0.4417, 3.2702



21.8804, -1.6914, 3.3149



21.8809, -2.7778, 2.8148

Triad

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



21.8809, -1.6920, 3.3152



21.8809, -2.9174, -0.4200



21.8809, 1.1819, 0.4927

Complementary

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



21.8804, -1.6914, 3.3149



20.3120, -0.4720, -1.2189

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.



21.8809, 0.4884, -0.5676



21.8804, -1.6914, 3.3149



21.8809, -1.8863, -1.1146

Square

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



21.8809, -1.6920, 3.3152



21.8809, -3.4745, 0.6850



21.8809, -0.6404, -1.1701



21.8809, 1.2368, 1.6853

Rectangle

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



21.8804, -1.6914, 3.3149



21.8809, -3.2700, 2.2220



21.8809, -0.6404, -1.1701



21.8809, 1.0150, 0.1074

Sweetspot

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



21.8809, -1.6920, 3.3152



28.7487, -1.7380, 2.3690



20.4477, 0.9148, 1.3726



14.7344, -0.9074, 1.2808



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



21.8809, -1.6920, 3.3152



28.2504, -2.3205, 4.8589



21.9510, -2.7301, 3.3726



11.4177, -0.8194, 1.4650



28.7523, -3.2185, 17.6607



72.4026, -7.0448, 44.4908

Inverse Universe

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



20.3120, -0.4720, -1.2189



25.7735, -0.3918, -2.3058



20.2494, 0.5523, -1.2821



10.8012, -0.3406, -0.3153



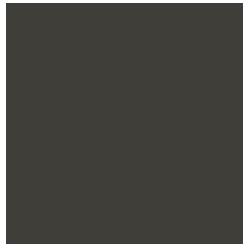
10.5554, 18.4948, -53.1183



25.0598, 53.5287, -146.8756

Previews

White Background



This preview shows how the HunterLab color 21.8804, -1.6914, 3.3149 looks on a white background.

Color Contrast Check

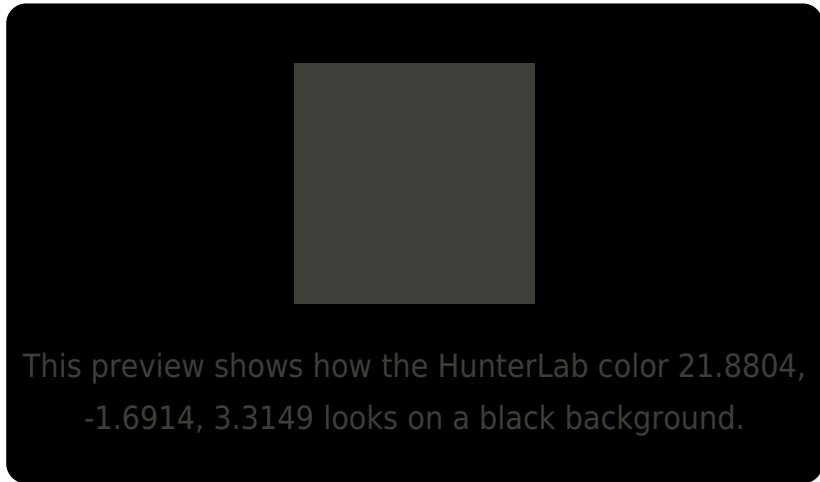
Large Text (above 18pt) WCAG AA ✓ Pass

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

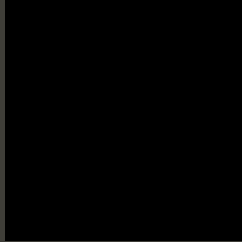
Any Text WCAG AA × Fail

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 21.8804, -1.6914, 3.3149 Background



This preview shows how black text looks on a background with the HunterLab color 21.8804, -1.6914, 3.3149.

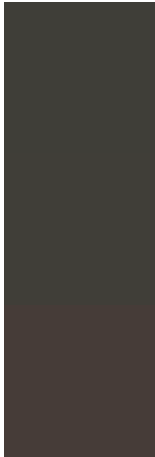


This preview shows how white text looks on a background with the HunterLab color 21.8804, -1.6914,

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

21.8804, -1.6914, 3.3149

Protanopia

21.9562, -1.4264, 3.4012

Deuteranopia

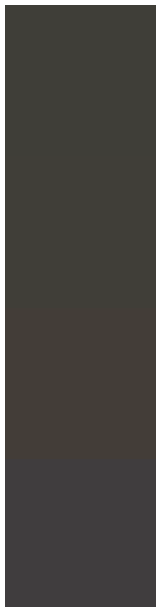
21.9530, 1.0621, 3.4413



Tritanopia

21.9297, 0.1823, -0.0048

Trichromacy



Original Color

21.8804, -1.6914, 3.3149

Protanomaly

21.9562, -1.4264, 3.4012

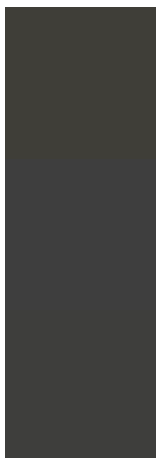
Deuteranomaly

21.9461, -0.1999, 3.4118

Tritanomaly

21.8524, -0.2373, 1.0960

Monochromacy



Original Color

21.8804, -1.6914, 3.3149

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.8989, -1.4407, 1.8946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8804, -1.6914, 3.3149 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(63, 62, 56)` looks like.

```
.text, #text, p{  
    color:rgb(63, 62, 56)  
}
```

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(63, 62, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 62, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8804, -1.6914, 3.3149 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(63, 62, 56) }
```


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

```
.border{ border-color:rgb(63, 62, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 62, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 62, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 62, 56);  
box-shadow:4px 4px 4px 4px rgb(63, 62, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8804, -1.6914, 3.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 62, 56) }
```

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

```
.background{ background-color: rgb(63, 62,  
56) }
```

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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