

Converting Colors

HunterLab(21.5532, -1.8026,
2.8498)

Have a look what the booklet for
HunterLab(21.5532, -1.8026, 2.8498)
contains.

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Color

**HunterLab(21.4828, -1.8080,
2.8802)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 3D3D38 |
| RGB | 61, 61, 56 |
| RGB Percent | 24%, 24%, 22% |
| CMY | 0.7608, 0.7608, 0.7804 |
| CMYK | 0.00, 0.00, 0.08, 0.76 |
| HSL | 60°, 4%, 23% |
| HSV | 60°, 8%, 24% |
| XYZ | 4.3070, 4.6151, 4.4052 |
| YIQ | 60.4300, 1.6050, -1.5550 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 56, 61, 56 |
| Decimal | 4013368 |
| CIELab | 25.61, -1.09, 3.08 |
| CIELCh | 26, 3.268, 109.500 |
| Yxy | 4.6153, 0.3232, 0.3463 |
| Android (android.graphics.Color) | 4282203448 (0xFF3D3D38) |
| YUV | 60.4300, -2.1840, 0.4999 |
| Hunter-Lab | 21.4828, -1.8080, 2.8802 |

Details

The HunterLab color **21.4828, -1.8080, 2.8802** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.0153, -0.3572, -0.7515**, and the grayscale version is **21.4126, -1.1425, 1.1634**.

A 20% lighter version of the original color is **38.5909, -2.8005, 4.0158**, and **7.9577, -1.0488, 2.0482** is the 20% darker color. If you saturate the color by 10%, you get **21.3522, -2.5327, 4.7649**, and if you desaturate by 10%, it is **21.6304, -1.0011, 0.7792**.

Distribution



Red (24%)

Green (24%)

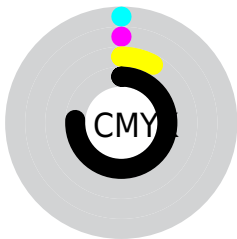
Blue (22%)



Red (22%)

Yellow (24%)

Blue (22%)



Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4828, -1.8080, 2.8802 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 21.4828, -1.8080, 2.8802 by changing the saturation by 10% instead.

■ 21.4828, -1.8080,
2.8802

■ 21.4828, -1.8080,
2.8802

■ 120.8491, -7.6353,
9.7129

■ 14.2245, -1.3348,
2.2452

■ 38.7065, -2.8734,
4.2186

■ 7.8803, -1.0242,
2.0495

■ 48.5029, -3.4601,
4.9261

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0097, -4.0804,
5.6600

0.0000, NaN, NaN

■ 70.1816, -4.7327,
6.4200

0.0000, NaN, NaN

■ 81.9811, -5.4155,
7.2058

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3766, -6.1276,

8.0169

0.0000, NaN, NaN

107.3405, -6.8679,
8.8528

■ 21.4828, -1.8080,
2.8802

■ 21.4828, -1.8080,
2.8802

■ 21.3522, -2.5327,
4.7649

■ 21.6304, -1.0011,
0.7792

■ 21.2368, -3.1738,
6.4327

■ 21.7938, -0.1106,
-1.5382

■ 21.1368, -3.7325,
7.8862

■ 21.9737, 0.8618,
-4.0693

■ 21.0516, -4.2105,
9.1294

■ 22.1701, 1.9148,
-6.8104

■ 20.9807, -4.6099,
10.1679

■ 22.3831, 3.0465,
-9.7567

■ 20.9233, -4.9337,
11.0096

■ 22.6127, 4.2548,
-12.9026

■ 20.8788, -5.1857,
11.6644

■ 22.8589, 5.5370,
-16.2414

■ 20.8450, -5.3775,
12.1624

■ 23.1215, 6.8904,
-19.7658

■ 20.8128, -5.5605,
12.6375

■ 23.4004, 8.3120,
-23.4680

Harmonies

Analogous

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



21.4833, -0.7831, 2.9509



21.4828, -1.8080, 2.8802



21.4833, -2.6417, 2.3643

Triad

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



21.4833, -1.8085, 2.8805



21.4833, -2.4263, -0.3224



21.4833, 0.8471, 0.8211

Complementary

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



21.4828, -1.8080, 2.8802



20.0153, -0.3572, -0.7515

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.



21.4833, 0.3888, -0.0984



21.4828, -1.8080, 2.8802



21.4833, -1.5094, -0.7791

Square

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



21.4833, -1.8085, 2.8805



21.4833, -2.9936, 0.5270



21.4833, -0.4783, -0.6952



21.4833, 0.7633, 1.7925

Rectangle

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



21.4828, -1.8080, 2.8802



21.4833, -2.9822, 1.8227



21.4833, -0.4783, -0.6952



21.4833, 0.7510, 0.4949

Sweetspot

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



21.4833, -1.8085, 2.8805



27.9393, -1.7163, 2.1015



20.2635, 0.2381, 1.5431



14.8070, -0.8949, 1.0757



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.



21.4833, -1.8085, 2.8805



27.7854, -2.5626, 4.3039



21.3022, -2.4468, 2.6700



11.5151, -0.9792, 1.5693



32.3492, -8.6969, 19.7812



82.2554, -22.1157, 50.2982

Inverse Universe

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



20.0153, -0.3572, -0.7515



25.3680, -0.1706, -1.6822



20.1989, 0.2720, -0.5085



10.7058, -0.1789, -0.4333



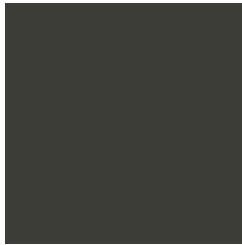
9.0256, 24.4801, -64.1167



22.9484, 62.2457, -163.0448

Previews

White Background



This preview shows how the HunterLab color 21.4828, -1.8080, 2.8802 looks on a white background.

Color Contrast Check

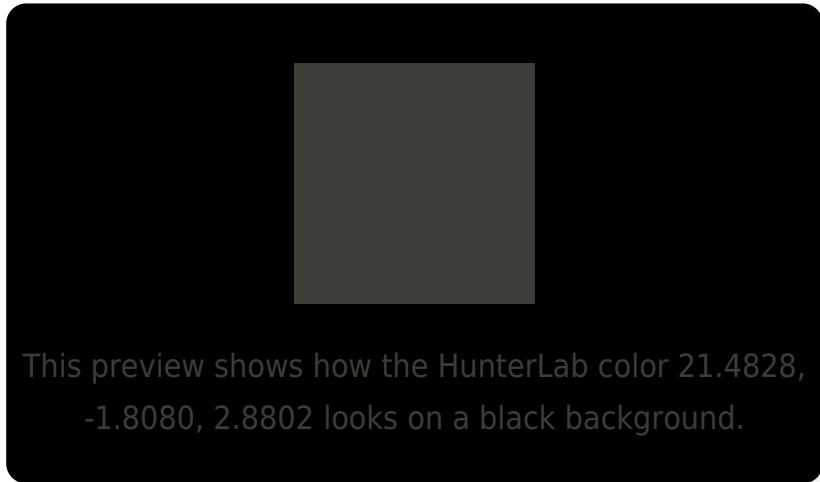
Large Text (above 18pt) WCAG AA ✓ Pass

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

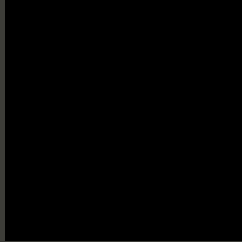
Any Text WCAG AA × Fail

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 21.4828, -1.8080, 2.8802 Background



This preview shows how black text looks on a background with the HunterLab color 21.4828, -1.8080, 2.8802.

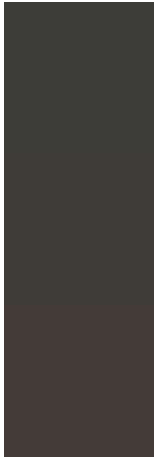


This preview shows how white text looks on a background with the HunterLab color 21.4828, -1.8080,

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

21.4828, -1.8080, 2.8802

Protanopia

21.3869, -0.8743, 2.7912

Deuteranopia

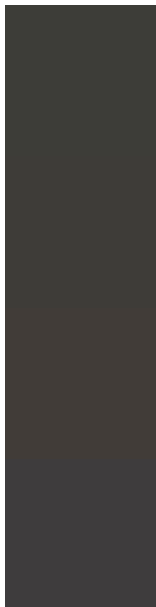
21.5462, 0.9138, 2.9973



Tritanopia

21.5082, -0.0617, -0.1188

Trichromacy



Original Color

21.4828, -1.8080, 2.8802

Protanomaly

21.3105, -1.1396, 2.7022

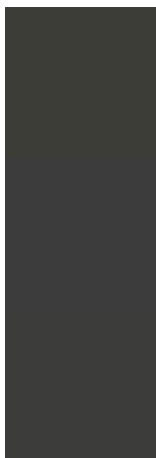
Deuteranomaly

21.5431, -0.3349, 2.9720

Tritanomaly

21.4308, -0.4827, 0.9829

Monochromacy



Original Color

21.4828, -1.8080, 2.8802

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.2324, -1.2694, 1.5069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4828, -1.8080, 2.8802 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(61, 61, 56)` looks like.

```
.text, #text, p{  
    color:rgb(61, 61, 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(61, 61, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 61, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4828, -1.8080, 2.8802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

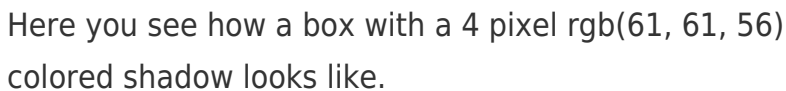
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 61, 56) }
```


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

```
.border{ border-color:rgb(61, 61, 56) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 61, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 61, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 61, 56);  
box-shadow:4px 4px 4px 4px rgb(61, 61, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4828, -1.8080, 2.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 61, 56) }
```

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

```
.background{ background-color: rgb(61, 61,  
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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