

Converting Colors

HunterLab(17.6253, -2.4744,
4.2098)

Have a look what the booklet for
HunterLab(17.6253, -2.4744, 4.2098)
contains.

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Color

**HunterLab(17.5709, -2.4037,
4.0111)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 313228 |
| RGB | 49, 50, 40 |
| RGB Percent | 19%, 20%, 16% |
| CMY | 0.8078, 0.8039, 0.8431 |
| CMYK | 0.02, 0.00, 0.20, 0.80 |
| HSL | 66°, 11%, 18% |
| HSV | 66°, 20%, 20% |
| XYZ | 2.7902, 3.0874, 2.4563 |
| YIQ | 48.5610, 2.6140, -3.3220 |

Conversions

Conversions Part 2

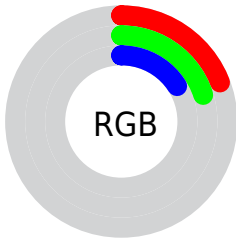
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 40, 50, 41 |
| Decimal | 3224104 |
| CIE Lab | 20.39, -2.61, 6.23 |
| CIE LCh | 20, 6.757, 112.760 |
| Yxy | 3.0875, 0.3348, 0.3705 |
| Android (android.graphics.Color) | 4281414184 (0xFF313228) |
| YUV | 48.5610, -4.2206, 0.3850 |
| Hunter-Lab | 17.5709, -2.4037, 4.0111 |

Details

The HunterLab color **17.5709, -2.4037, 4.0111** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.8976, 0.8775, -2.8151**, and the grayscale version is **17.3922, -0.9280, 0.9449**.

A 20% lighter version of the original color is **33.8445, -3.6288, 5.7355**, and **2.5520, -2.1883, 1.5342** is the 20% darker color. If you saturate the color by 10%, you get **17.4450, -3.0384, 5.2919**, and if you desaturate by 10%, it is **17.7096, -1.7089, 2.5708**.

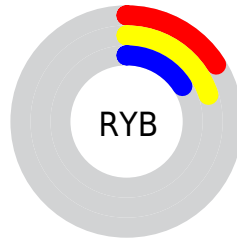
Distribution



Red (19%)

Green (20%)

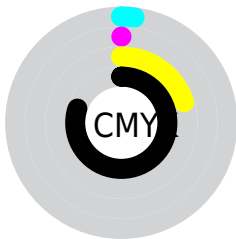
Blue (16%)



Red (16%)

Yellow (20%)

Blue (16%)

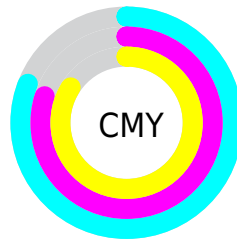


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (80%)



Cyan (81%)

Magenta (80%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5709, -2.4037, 4.0111 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 17.5709, -2.4037, 4.0111 by changing the saturation by 10% instead.

■ 17.5709, -2.4037,
4.0111

■ 17.5709, -2.4037,
4.0111

■ 113.7332, -8.8388,
12.3103

■ 10.8517, -1.8198,
3.1327

■ 33.8944, -3.6457,
5.7878

■ 2.0805, -3.6408,
1.4563

■ 43.2989, -4.3073,
6.6774

0.0000, NaN, NaN

■ 53.4412, -4.9966,
7.5772

0.0000, NaN, NaN

■ 64.2711, -5.7130,
8.4905

0.0000, NaN, NaN

■ 75.7474, -6.4561,
9.4194

0.0000, NaN, NaN

■ 87.8355, -7.2252,

0.0000, NaN, NaN

100.5060, -8.0196,
11.3287

17.5709, -2.4037,
4.0111

17.5709, -2.4037,
4.0111

17.4450, -3.0384,
5.2919

17.7096, -1.7089,
2.5708

17.3304, -3.6117,
6.4134

17.8599, -0.9531,
0.9706

17.2272, -4.1245,
7.3778

18.0225, -0.1373,
-0.7881

17.1351, -4.5778,
8.1884

18.1974, 0.7372,
-2.7029

17.0536, -4.9732,
8.8501

18.3847, 1.6690,
-4.7710

■ 16.9823, -5.3129,
9.3689

■ 18.5842, 2.6566,
-6.9888

■ 16.9159, -5.6265,
9.8218

■ 18.7960, 3.6981,
-9.3518

■ 16.8496, -5.9411,
10.2786

■ 19.0199, 4.7914,
-11.8553

■ 19.2559, 5.9344,
-14.4942

Harmonies

Analogous

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



17.5713, -0.4503, 4.2174



17.5709, -2.4037, 4.0111



17.5713, -3.9015, 3.0328

Triad

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



17.5713, -2.4042, 4.0113



17.5713, -3.2096, -2.2183



17.5713, 3.0488, 0.4883

Complementary

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



17.5709, -2.4037, 4.0111



14.8976, 0.8775, -2.8151

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.



17.5713, 2.2348, -1.4089



17.5709, -2.4037, 4.0111



17.5713, -1.4214, -3.0812

Square

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



17.5713, -2.4042, 4.0113



17.5713, -4.3517, -0.5212



17.5713, 0.5768, -2.7696



17.5713, 2.7569, 2.3160

Rectangle

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



17.5709, -2.4037, 4.0111



17.5713, -4.4685, 2.0083



17.5713, 0.5768, -2.7696



17.5713, 2.8943, -0.1647

Sweetspot

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



17.5713, -2.4042, 4.0113



22.4343, -1.8136, 2.5217



15.5476, 1.3956, 1.9491



12.3129, -0.9954, 1.3841



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.5713, -2.4042, 4.0113



22.1065, -3.4615, 5.9304



17.2338, -3.6186, 3.6494



9.9413, -0.8866, 1.2914



29.8422, -10.7845, 18.1998



78.1697, -28.8658, 47.6625

Inverse Universe

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



14.8976, 0.8775, -2.8151



17.8770, 1.7479, -4.9171



15.2604, 2.0844, -2.2849



9.3154, -0.1219, -0.2973



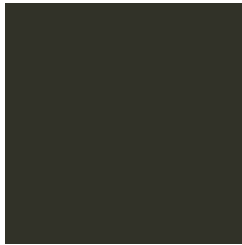
8.8496, 23.3528, -57.8283



22.7244, 60.9041, -155.7619

Previews

White Background



This preview shows how the HunterLab color 17.5709, -2.4037, 4.0111 looks on a white background.

Color Contrast Check

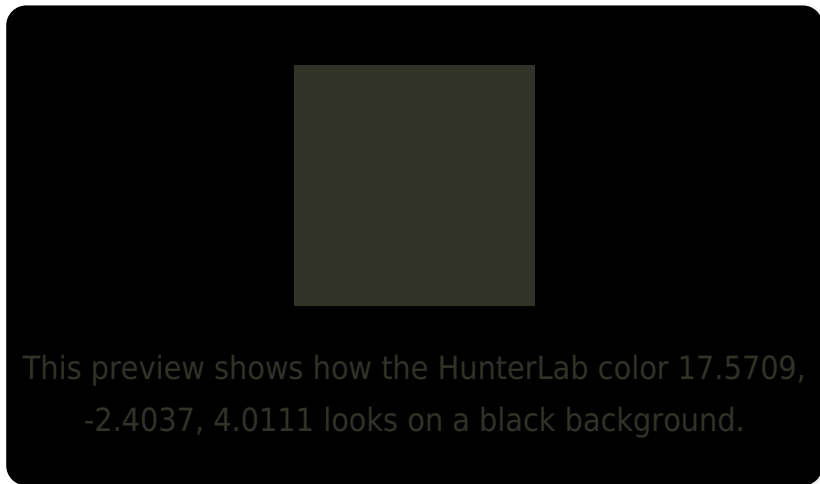
Large Text (above 18pt) WCAG AA ✓ Pass

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

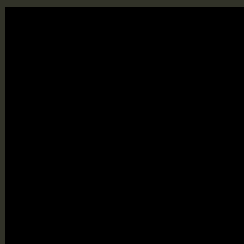
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

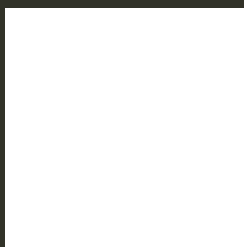
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.5709, -2.4037, 4.0111 Background



This preview shows how black text looks on a background with the HunterLab color 17.5709, -2.4037, 4.0111.

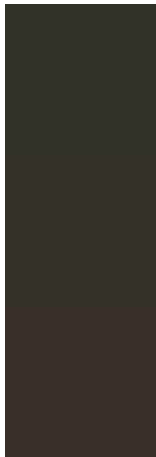


This preview shows how white text looks on a background with the HunterLab color 17.5709, -2.4037, 4.0111.

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

17.5709, -2.4037, 4.0111

Protanopia

17.5496, -1.2410, 4.0101

Deuteranopia

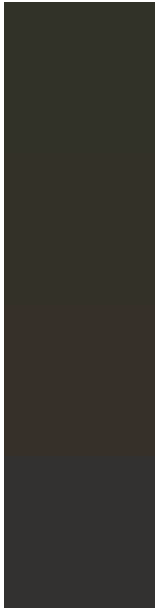
17.5014, 1.0319, 3.6955



Tritanopia

17.5090, 0.3720, -0.2059

Trichromacy



Original Color

17.5709, -2.4037, 4.0111

Protanomaly

17.4747, -1.5036, 3.9303

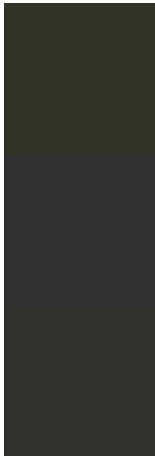
Deuteranomaly

17.4879, -0.2020, 3.6601

Tritanomaly

17.5731, -0.8164, 1.3797

Monochromacy



Original Color

17.5709, -2.4037, 4.0111

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.4552, -1.3195, 1.9531

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.5709, -2.4037, 4.0111 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(49, 50, 40)` looks like.

```
.text, #text, p{  
    color:rgb(49, 50, 40)  
}
```

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(49, 50, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 50, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 17.5709, -2.4037, 4.0111 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(49, 50, 40) }
```


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

```
.border{ border-color:rgb(49, 50, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 50, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 50, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 50, 40);  
box-shadow:4px 4px 4px 4px rgb(49, 50, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.5709, -2.4037, 4.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 50, 40) }
```

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

```
.background{ background-color: rgb(49, 50,  
40) }
```

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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