

Converting Colors

HunterLab(12.4290, 4.1688,
2.4928)

Have a look what the booklet for
HunterLab(12.4290, 4.1688, 2.4928)
contains.

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Color

**HunterLab(12.5176, 4.0651,
2.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1D1C
RGB	47, 29, 28
RGB Percent	18%, 11%, 11%
CMY	0.8157, 0.8863, 0.8902
CMYK	0.00, 0.38, 0.40, 0.82
HSL	3°, 25%, 15%
HSV	3°, 40%, 18%
XYZ	1.8213, 1.5669, 1.3051
YIQ	34.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

Format	Color
RYB	47, 29, 28
Decimal	3087644
CIELab	13.03, 8.68, 4.28
CIElCh	13, 9.676, 26.233
Yxy	1.5670, 0.3881, 0.3339
Android (android.graphics.Color)	4281277724 (0xFF2F1D1C)
YUV	34.2680, -3.0901, 11.1660
Hunter-Lab	12.5176, 4.0651, 2.5809

Details

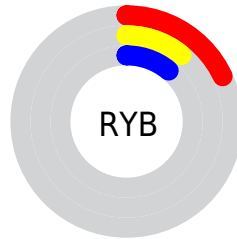
The HunterLab color **12.5176, 4.0651, 2.5809** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5113, -4.4869, -0.8002**, and the grayscale version is **12.7396, -0.6798, 0.6922**.

A 20% lighter version of the original color is **27.5676, 4.4372, 4.2438**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5912, 5.4028, 3.0095**, and if you desaturate by 10%, it is **13.5113, 2.7666, 2.1563**.

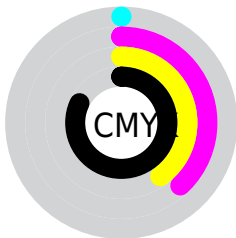
Distribution



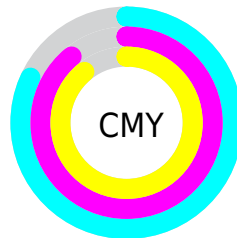
- Red (18%)
- Green (11%)
- Blue (11%)



- Red (18%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (82%)



- Cyan (82%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5176, 4.0651, 2.5809 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 12.5176, 4.0651, 2.5809 by changing the saturation by 10% instead.

■ 12.5176, 4.0651,
2.5809

■ 12.5176, 4.0651,
2.5809

103.9405, 3.5500,
9.7661

■ 5.7895, 6.2230,
3.3773

■ 27.4774, 4.5152,
4.0542

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2992, 4.5809,
4.8077

0.0000, NaN, NaN

■ 45.9037, 4.5641,
5.5800

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2318, 4.4761,
6.3730

0.0000, NaN, NaN


■ 67.2358, 4.3250,
7.1878


0.0000, NaN, NaN


■ 78.8766, 4.1171,


0.0000, NaN, NaN


8.0249

 91.1209, 3.8574,
8.8844

 12.5176, 4.0651,
2.5809


 12.5176, 4.0651,
2.5809

 11.5912, 5.4028,
3.0095


 13.5113, 2.7666,
2.1563


 10.7412, 6.7670,
3.4344


 14.5625, 1.5147,
1.7389


 9.9795, 8.1306,
3.8444

 15.6643, 0.3095,
1.3309

 9.3181, 9.4503,
4.2262

 16.8104, -0.8512,
0.9328

 8.7207, 10.7358,
4.6830

 17.9958, -1.9711,
0.5442

■ 8.1124, 12.1893,
5.2122

■ 19.2163, -3.0545,
0.1645

■ 20.4683, -4.1056,
-0.2071

■ 21.7488, -5.1286,
-0.5716

■ 23.0553, -6.1272,
-0.9297

Harmonies

Analogous

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



12.5179, 4.6368, 0.3696



12.5176, 4.0651, 2.5809



12.5179, 2.1893, 3.9850

Triad

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



12.5179, 4.0645, 2.5811



12.5179, -4.5068, 3.0165



12.5179, -0.9906, -4.9556

Complementary

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



12.5176, 4.0651, 2.5809



15.5113, -4.4869, -0.8002

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.



12.5179, -3.2910, -3.8746



12.5176, 4.0651, 2.5809



12.5179, -5.2153, 0.9854

Square

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



12.5179, 4.0645, 2.5811



12.5179, -2.7728, 4.1986



12.5179, -4.7886, -1.5724



12.5179, 1.5845, -4.2940

Rectangle

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



12.5176, 4.0651, 2.5809



12.5179, 0.5256, 4.4365



12.5179, -4.7886, -1.5724



12.5179, -1.8196, -4.7791

Sweetspot

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



12.5179, 4.0645, 2.5811



19.8103, 0.7413, 1.8277



12.7770, 6.7223, -4.0275



10.6026, 0.3789, 0.9708



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.5179, 4.0645, 2.5811



14.7470, 7.1772, 3.9417



14.5030, 0.3368, 4.4513



8.7325, 0.0170, 0.6774



14.5293, 23.1275, 9.3578



38.1736, 63.7173, 24.6379

Inverse Universe

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



15.5113, -4.4869, -0.8002



19.5594, -6.7122, -1.5336



13.2190, -0.9928, -3.9341



9.0740, -0.9455, 0.2954



25.9569, -12.8612, -4.6801



68.9461, -33.9291, -12.9334

Previews

White Background



This preview shows how the HunterLab color 12.5176, 4.0651, 2.5809 looks on a white background.

Color Contrast Check

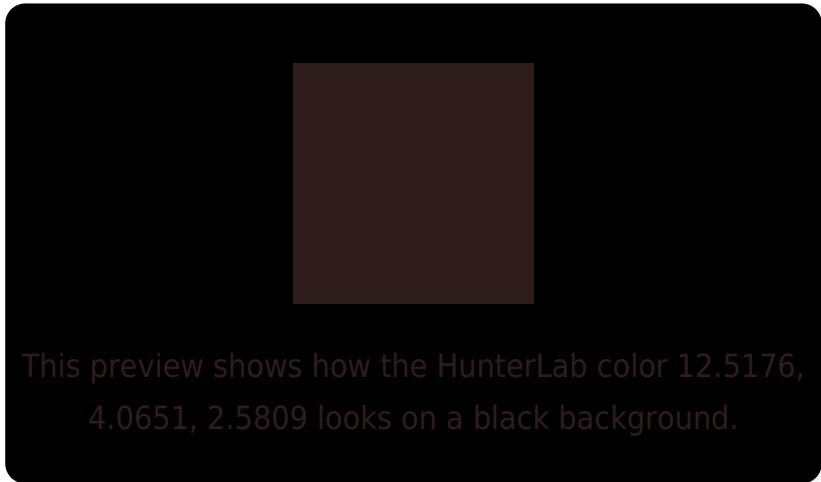
Large Text (above 18pt) WCAG AA ✓ Pass

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

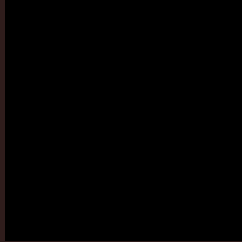
Any Text WCAG AA × Fail

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 12.5176, 4.0651, 2.5809 Background



This preview shows how black text looks on a background with the HunterLab color 12.5176, 4.0651, 2.5809.

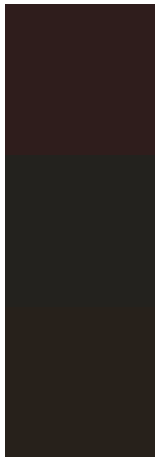


This preview shows how white text looks on a background with the HunterLab color 12.5176, 4.0651,

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

12.5176, 4.0651, 2.5809

Protanopia

12.6298, -0.9092, 2.0003

Deuteranopia

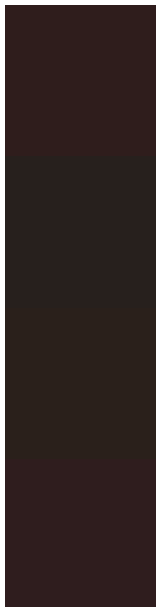
12.6419, 0.1630, 2.9297



Tritanopia

12.5777, 4.3711, 1.7162

Trichromacy



Original Color

12.5176, 4.0651, 2.5809

Protanomaly

12.4622, 0.7501, 2.1621

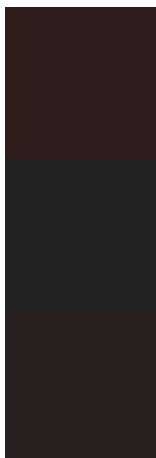
Deuteranomaly

12.6665, 1.3564, 2.9751

Tritanomaly

12.5571, 4.2661, 2.0127

Monochromacy



Original Color

12.5176, 4.0651, 2.5809

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5245, 1.0837, 1.2677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5176, 4.0651, 2.5809 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(47, 29, 28)` looks like.

```
.text, #text, p{  
    color:rgb(47, 29, 28)  
}
```

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(47, 29, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 29, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5176, 4.0651, 2.5809 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(47, 29, 28) }
```


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

```
.border{ border-color:rgb(47, 29, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 29, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 29, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 29, 28);  
box-shadow:4px 4px 4px 4px rgb(47, 29, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5176, 4.0651, 2.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 29, 28) }
```

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

```
.background{ background-color: rgb(47, 29,  
28) }
```

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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