

Converting Colors

HunterLab(12.7398, 5.7595,
2.5413)

Have a look what the booklet for
HunterLab(12.7398, 5.7595, 2.5413)
contains.

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Color

**HunterLab(12.7398, 5.7595,
2.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	331C1D
RGB	51, 28, 29
RGB Percent	20%, 11%, 11%
CMY	0.8000, 0.8902, 0.8863
CMYK	0.00, 0.45, 0.43, 0.80
HSL	357°, 29%, 15%
HSV	357°, 45%, 20%
XYZ	2.0023, 1.6230, 1.3701
YIQ	34.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

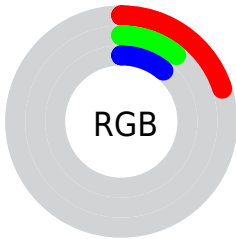
Format	Color
R_{YB}	51, 28, 29
Decimal	3349533
CIE _{Lab}	13.37, 11.50, 4.12
CIE _{LCh}	13, 12.212, 19.711
Yxy	1.6231, 0.4008, 0.3249
Android (android.graphics.Color)	4281539613 (0xFF331C1D)
YUV	34.9910, -2.9536, 14.0399
Hunter-Lab	12.7398, 5.7595, 2.5413

Details

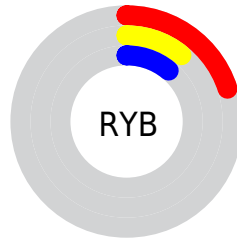
The HunterLab color **12.7398, 5.7595, 2.5413** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8667, -5.8265, -0.3169**, and the grayscale version is **12.9678, -0.6919, 0.7046**.

A 20% lighter version of the original color is **27.8483, 6.5986, 4.2226**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7438, 7.3522, 2.9687**, and if you desaturate by 10%, it is **13.8274, 4.1881, 2.1438**.

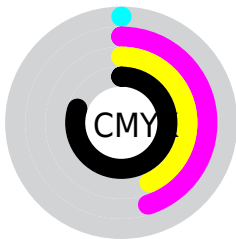
Distribution



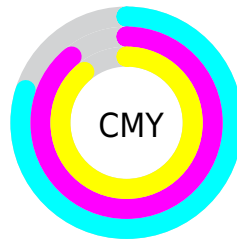
- Red (20%)
- Green (11%)
- Blue (11%)



- Red (20%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (43%)
- Black (80%)



- Cyan (80%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7398, 5.7595, 2.5413 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 12.7398, 5.7595, 2.5413 by changing the saturation by 10% instead.

■ 12.7398, 5.7595,
2.5413

■ 12.7398, 5.7595,
2.5413

104.3895, 6.5628,
9.6476

■ 6.1082, 7.8748,
3.1275

■ 27.7658, 6.5713,
3.9894

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.6156, 6.7981,
4.7331

0.0000, NaN, NaN

■ 46.2458, 6.9320,
5.4965

0.0000, NaN, NaN

■ 56.5978, 6.9860,
6.2815

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.6242, 6.9694,
7.0890


0.0000, NaN, NaN

■ 79.2861, 6.8897,


0.0000, NaN, NaN

7.9191


 91.5507, 6.7526,
8.7721


 12.7398, 5.7595,
2.5413


 12.7398, 5.7595,
2.5413

 11.7438, 7.3522,
2.9687


 13.8274, 4.1881,
2.1438


 10.8530, 8.9341,
3.4184


 14.9928, 2.6579,
1.7775


 10.0836, 10.4492,
3.8765

 16.2256, 1.1755,
1.4420

 9.4319, 11.8764,
4.3075

 17.5168, -0.2583,
1.1349

 8.7648, 13.5327,
4.7427

 18.8591, -1.6461,
0.8535

■ 8.4182, 14.4741,
4.9927

■ 20.2465, -2.9920,
0.5947

■ 21.6739, -4.3009,
0.3556

■ 23.1374, -5.5777,
0.1338

■ 24.6334, -6.8266,
-0.0731

Harmonies

Analogous

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



12.7401, 6.0765, -0.4157



12.7398, 5.7595, 2.5413



12.7401, 3.6218, 4.4485

Triad

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



12.7401, 5.7589, 2.5415



12.7401, -5.1092, 3.9723



12.7401, -1.7785, -6.6600

Complementary

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



12.7398, 5.7595, 2.5413



16.8667, -5.8265, -0.3169

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.



12.7401, -4.4781, -4.7313



12.7398, 5.7595, 2.5413



12.7401, -6.2692, 1.7111

Square

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



12.7401, 5.7589, 2.5415



12.7401, -2.7222, 5.1582



12.7401, -6.0504, -1.4810



12.7401, 1.4986, -6.2759

Rectangle

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



12.7398, 5.7595, 2.5413



12.7401, 1.5618, 5.1445



12.7401, -6.0504, -1.4810



12.7401, -2.7776, -6.2450

Sweetspot

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



12.7401, 5.7589, 2.5415



20.9675, 1.4469, 1.8433



13.2057, 8.2606, -5.7797



11.0280, 0.8133, 0.9841



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.



12.7401, 5.7589, 2.5415



14.9239, 9.8303, 3.9243



14.8203, 1.5162, 4.7633



9.4128, 0.1021, 0.6758



14.6449, 25.1378, 9.0136



38.3850, 65.7892, 24.3869

Inverse Universe

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



12.7401, 5.7589, 2.5415



14.9239, 9.8303, 3.9243



14.3099, -1.8736, -4.1917



9.4128, 0.1021, 0.6758



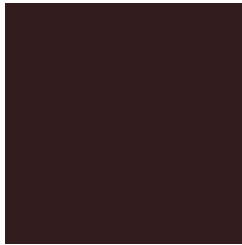
14.6449, 25.1378, 9.0136



38.3850, 65.7892, 24.3869

Previews

White Background



This preview shows how the HunterLab color 12.7398, 5.7595, 2.5413 looks on a white background.

Color Contrast Check

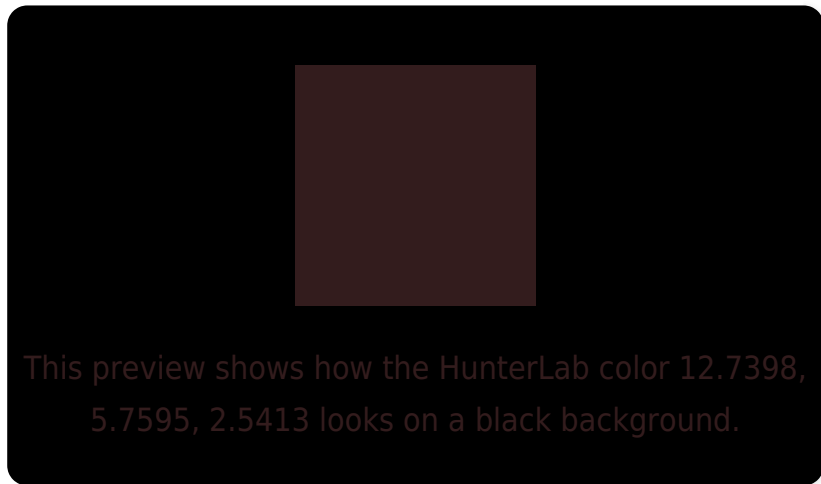
Large Text (above 18pt) WCAG AA ✓ Pass

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

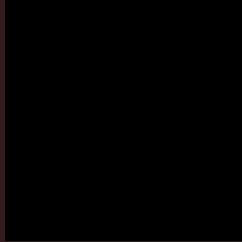
Any Text WCAG AA × Fail

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 12.7398, 5.7595, 2.5413 Background



This preview shows how black text looks on a background with the HunterLab color 12.7398, 5.7595, 2.5413.

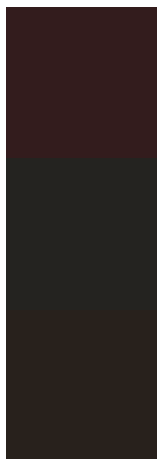


This preview shows how white text looks on a background with the HunterLab color 12.7398, 5.7595,

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

12.7398, 5.7595, 2.5413

Protanopia

12.9669, -0.8142, 1.7277

Deuteranopia

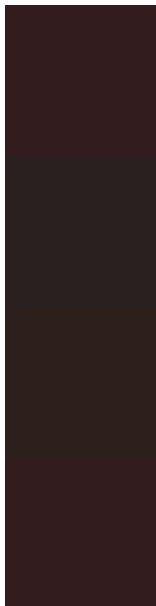
12.7384, 0.5280, 2.7452



Tritanopia

12.7595, 5.8575, 2.2573

Trichromacy



Original Color

12.7398, 5.7595, 2.5413

Protanomaly

12.6624, 1.4993, 1.7589

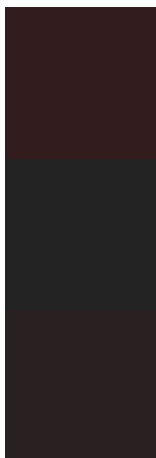
Deuteranomaly

12.6463, 2.4047, 2.6840

Tritanomaly

12.7595, 5.8575, 2.2573

Monochromacy



Original Color

12.7398, 5.7595, 2.5413

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7053, 1.7264, 1.1447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7398, 5.7595, 2.5413 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(51, 28, 29)` looks like.

```
.text, #text, p{  
    color:rgb(51, 28, 29)  
}
```

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(51, 28, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 28, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7398, 5.7595, 2.5413 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(51, 28, 29) }
```


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

```
.border{ border-color:rgb(51, 28, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 28, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 28, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 28, 29);  
box-shadow:4px 4px 4px 4px rgb(51, 28, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7398, 5.7595, 2.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 28, 29) }
```

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

```
.background{ background-color: rgb(51, 28,  
29) }
```

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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