

Converting Colors

HunterLab(12.5000, 3.6418,
7.8047)

Have a look what the booklet for
HunterLab(12.5000, 3.6418, 7.8047)
contains.

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Color

**HunterLab(12.5799, 3.5913,
7.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	331D00
RGB	51, 29, 0
RGB Percent	20%, 11%, 0%
CMY	0.8000, 0.8863, 1.0000
CMYK	0.00, 0.43, 1.00, 0.80
HSL	34°, 100%, 10%
HSV	34°, 100%, 20%
XYZ	1.8046, 1.5825, 0.2104
YIQ	32.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

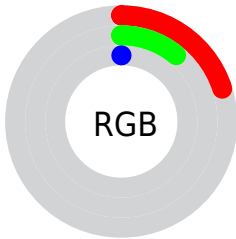
Format	Color
RYB	39, 51, 0
Decimal	3349760
CIELab	13.12, 7.86, 19.62
CIELCh	13, 21.132, 68.179
Yxy	1.5826, 0.5016, 0.4399
Android (android.graphics.Color)	4281539840 (0xFF331D00)
YUV	32.2720, -15.9101, 16.4245
Hunter-Lab	12.5799, 3.5913, 7.8145

Details

The HunterLab color **12.5799, 3.5913, 7.8145** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.0155, 1.7339, -15.0114**, and the grayscale version is **12.1472, -0.6481, 0.6600**.

A 20% lighter version of the original color is **27.6097, 3.6704, 11.3021**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5801, 3.5907, 7.8147**, and if you desaturate by 10%, it is **13.0595, 2.9573, 7.4340**.

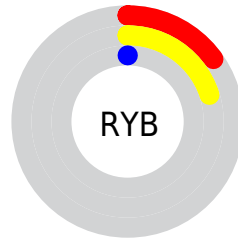
Distribution



Red (20%)

Green (11%)

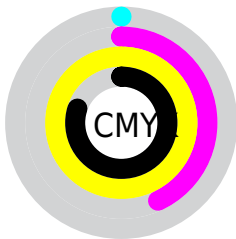
Blue (0%)



Red (15%)

Yellow (20%)

Blue (0%)

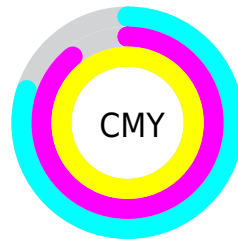


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5799, 3.5913, 7.8145 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 12.5799, 3.5913, 7.8145 by changing the saturation by 10% instead.

■ 12.5799, 3.5913,
7.8145

■ 12.5799, 3.5913,
7.8145

■ 104.0667, 2.6693,
23.1358

■ 5.8808, 5.5062,
4.1166

■ 27.5583, 3.9270,
11.2202

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3880, 3.9428,
13.1007

0.0000, NaN, NaN

■ 45.9998, 3.8797,
14.8872

0.0000, NaN, NaN

■ 56.3346, 3.7483,
16.6081

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.3449, 3.5561,
18.2821


0.0000, NaN, NaN


■ 78.9916, 3.3092,


0.0000, NaN, NaN


19.9222


 91.2417, 3.0124,
21.5377


 12.5799, 3.5913,
7.8145


 12.5799, 3.5913,
7.8145

 12.5801, 3.5907,
7.8147

 13.0595, 2.9573,
7.4340

 13.5510, 2.3170,
7.1090

 14.0603, 1.7056,
6.7402

 14.5921, 1.1539,
6.2461

 15.1454, 0.6616,
5.6318

■ 15.7189, 0.2274,
4.9037

■ 16.3117, -0.1505,
4.0686

■ 16.9226, -0.4744,
3.1331

■ 17.5506, -0.7470,
2.1042

Harmonies

Analogous

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



12.5802, 8.9718, 5.6545



12.5799, 3.5913, 7.8145



12.5802, -2.1690, 8.2427

Triad

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



12.5802, 3.5906, 7.8146



12.5802, -9.6621, -0.8631



12.5802, 6.7081, -10.3359

Complementary

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



12.5799, 3.5913, 7.8145



9.0155, 1.7339, -15.0114

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.



12.5802, 0.8986, -14.2795



12.5799, 3.5913, 7.8145



12.5802, -8.0732, -7.4449

Square

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



12.5802, 3.5906, 7.8146



12.5802, -9.1961, 3.9310



12.5802, -4.4330, -13.0375



12.5802, 10.9799, -3.7538

Rectangle

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



12.5799, 3.5913, 7.8145



12.5802, -5.3681, 7.4882



12.5802, -4.4330, -13.0375



12.5802, 4.8335, -12.1211

Sweetspot

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



12.5802, 3.5906, 7.8146



20.8979, -0.1220, 5.4209



8.7300, 15.6179, 0.4632



11.0063, -0.0476, 2.9025



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.



12.5802, 3.5906, 7.8146



15.9247, 5.2059, 9.9038



17.2810, -5.6172, 10.5500



9.7192, -0.4348, 1.0524



21.1715, 7.7774, 13.1820



53.7988, 24.1553, 33.5734

Inverse Universe

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



9.0155, 1.7339, -15.0114



11.2074, 3.0324, -20.5544



5.1086, 13.4262, -32.9661



9.5355, -0.5738, -0.0303



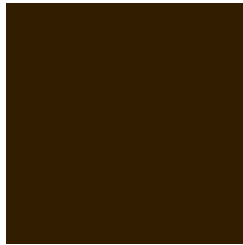
14.6414, 5.1341, -29.3837



35.9338, 18.8292, -85.5610

Previews

White Background



This preview shows how the HunterLab color 12.5799, 3.5913, 7.8145 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

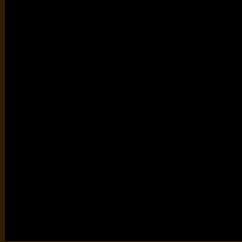
Any Text WCAG AA × Fail

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 12.5799, 3.5913, 7.8145 Background



This preview shows how black text looks on a background with the HunterLab color 12.5799, 3.5913, 7.8145.

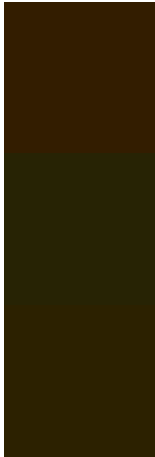


This preview shows how white text looks on a background with the HunterLab color 12.5799, 3.5913,

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

12.5799, 3.5913, 7.8145

Protanopia

12.8147, -2.0938, 7.3283

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.6595, 6.4672, 2.4700

Trichromacy



Original Color

12.5799, 3.5913, 7.8145

Protanomaly

12.6802, -0.2787, 7.4058

Deuteranomaly

12.7959, 1.1654, 7.9052

Tritanomaly

12.6659, 5.1837, 5.2166

Monochromacy



Original Color

12.5799, 3.5913, 7.8145

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0906, 0.2924, 4.2098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5799, 3.5913, 7.8145 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, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 29, 0)  
}
```

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, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 29, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5799, 3.5913, 7.8145 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, 29, 0) }
```


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

```
.border{ border-color:rgb(51, 29, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 29, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 29, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 29, 0); box-shadow:4px  
4px 4px 4px rgb(51, 29, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5799, 3.5913, 7.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 29, 0) }
```

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

```
.background{ background-color: rgb(51, 29,  
0) }
```

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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