

Converting Colors

HunterLab(12.5316, 0.6728,
6.7827)

Have a look what the booklet for
HunterLab(12.5316, 0.6728, 6.7827)
contains.

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Color

**HunterLab(12.5851, 0.5785,
6.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2007
RGB	44, 32, 7
RGB Percent	17%, 13%, 3%
CMY	0.8275, 0.8745, 0.9725
CMYK	0.00, 0.27, 0.84, 0.83
HSL	41°, 73%, 10%
HSV	41°, 84%, 17%
XYZ	1.5936, 1.5838, 0.4227
YIQ	32.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

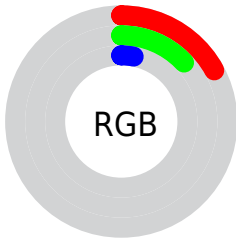
Format	Color
RYB	25, 44, 7
Decimal	2891783
CIELab	13.13, 2.40, 16.59
CIElCh	13, 16.768, 81.756
Yxy	1.5839, 0.4426, 0.4399
Android (android.graphics.Color)	4281081863 (0xFF2C2007)
YUV	32.7380, -12.6888, 9.8768
Hunter-Lab	12.5851, 0.5785, 6.8180

Details

The HunterLab color **12.5851, 0.5785, 6.8180** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.3231, 2.0579, -11.8098**, and the grayscale version is **12.2854, -0.6555, 0.6675**.

A 20% lighter version of the original color is **27.6423, 0.1777, 10.0678**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2437, 0.9071, 7.1987**, and if you desaturate by 10%, it is **12.9315, 0.2464, 6.4646**.

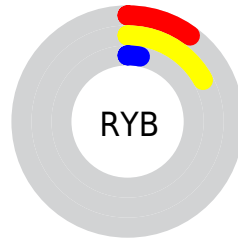
Distribution



Red (17%)

Green (13%)

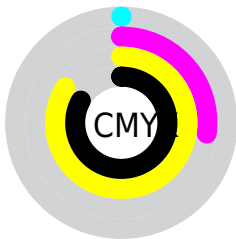
Blue (3%)



Red (10%)

Yellow (17%)

Blue (3%)

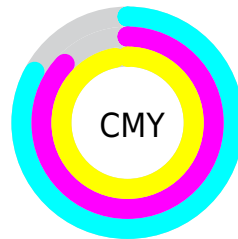


Cyan (0%)

Magenta (27%)

Yellow (84%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5851, 0.5785, 6.8180 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 12.5851, 0.5785, 6.8180 by changing the saturation by 10% instead.

12.5851, 0.5785,
6.8180

12.5851, 0.5785,
6.8180

104.0771, -3.0670,
20.6695

5.8883, 1.4647,
4.1218

27.5651, 0.1387,
10.0435

0.0000, NaN, NaN

0.0000, NaN, NaN

36.3954, -0.1800,
11.6879

0.0000, NaN, NaN

46.0078, -0.5527,
13.2625

0.0000, NaN, NaN

56.3431, -0.9736,
14.7901

0.0000, NaN, NaN

0.0000, NaN, NaN

67.3540, -1.4386,
16.2857

0.0000, NaN, NaN

79.0012, -1.9443,

0.0000, NaN, NaN

17.7595

■ 91.2517, -2.4878,
19.2190

■ 12.5851, 0.5785,
6.8180

■ 12.5851, 0.5785,
6.8180

■ 12.2437, 0.9071,
7.1987

■ 12.9315, 0.2464,
6.4646

■ 12.0436, 1.0993,
7.4404

■ 13.2886, -0.0497,
6.0350

■ 13.6587, -0.2980,
5.4975

■ 14.0415, -0.4988,
4.8548

■ 14.4366, -0.6531,
4.1103

■ 14.8436, -0.7620,
3.2678

■ 15.2621, -0.8269,
2.3317

■ 15.6916, -0.8494,
1.3063

■ 16.1318, -0.8312,
0.1961

Harmonies

Analogous

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



12.5854, 5.0723, 5.6899



12.5851, 0.5785, 6.8180



12.5854, -3.6883, 6.4818

Triad

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



12.5854, 0.5779, 6.8181



12.5854, -7.6721, -2.7195



12.5854, 6.7749, -5.4643

Complementary

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



12.5851, 0.5785, 6.8180



8.3231, 2.0579, -11.8098

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.



12.5854, 2.6578, -9.4575



12.5851, 0.5785, 6.8180



12.5854, -5.5414, -7.5274

Square

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



12.5854, 0.5779, 6.8181



12.5854, -8.0680, 1.7968



12.5854, -1.8754, -10.3212



12.5854, 8.9611, -0.5384

Rectangle

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



12.5851, 0.5785, 6.8180



12.5854, -5.8771, 5.4724



12.5854, -1.8754, -10.3212



12.5854, 5.5458, -7.0221

Sweetspot

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



12.5854, 0.5779, 6.8181



18.5135, -0.9302, 4.3540



8.5768, 10.6957, 1.1092



10.0293, -0.5039, 2.3587



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.5854, 0.5779, 6.8181



14.9129, 1.7510, 9.2199



14.9185, -5.3811, 8.2995



9.0341, -0.4922, 1.0113



22.5770, 3.5417, 13.9738



58.7342, 12.3228, 36.4074

Inverse Universe

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



8.3231, 2.0579, -11.8098



8.5169, 4.7059, -20.8042



6.4859, 7.8890, -17.6481



8.7662, -0.4416, -0.0708



12.3257, 9.2196, -35.3085



30.2962, 31.3516, -105.5468

Previews

White Background



This preview shows how the HunterLab color 12.5851, 0.5785, 6.8180 looks on a white background.

Color Contrast Check

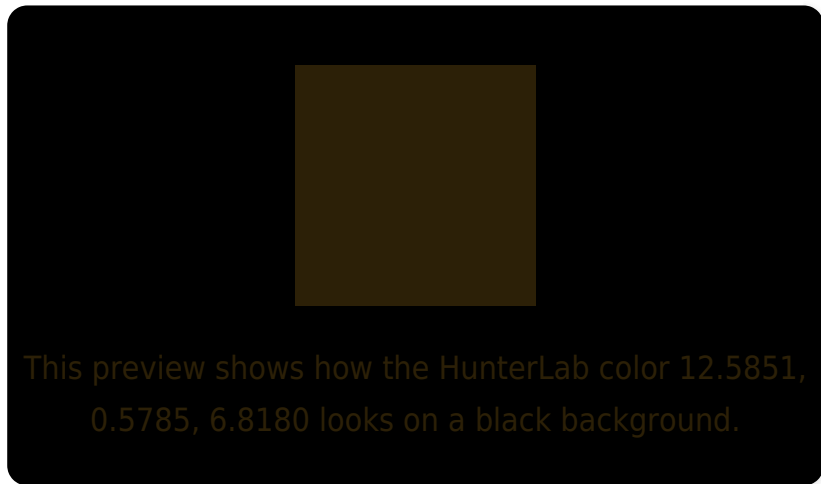
Large Text (above 18pt) WCAG AA ✓ Pass

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

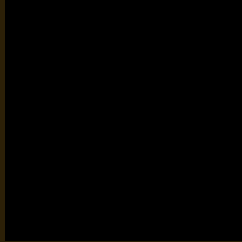
Any Text WCAG AA × Fail

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 12.5851, 0.5785, 6.8180 Background



This preview shows how black text looks on a background with the HunterLab color 12.5851, 0.5785, 6.8180.



This preview shows how white text looks on a background with the HunterLab color 12.5851, 0.5785,

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

12.5851, 0.5785, 6.8180

Protanopia

12.5445, -1.8159, 6.6123

Deuteranopia

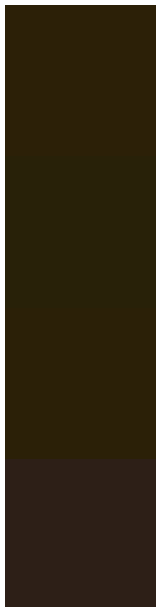
12.4978, 0.2827, 6.7524



Tritanopia

12.6124, 3.5048, 1.4092

Trichromacy



Original Color

12.5851, 0.5785, 6.8180

Protanomaly

12.4754, -0.9026, 6.5797

Deuteranomaly

12.4978, 0.2827, 6.7524

Tritanomaly

12.6480, 2.2365, 4.0329

Monochromacy



Original Color

12.5851, 0.5785, 6.8180

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4377, -0.6453, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5851, 0.5785, 6.8180 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(44, 32, 7)` looks like.

```
.text, #text, p{  
    color:rgb(44, 32, 7)  
}
```

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(44, 32, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 32, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5851, 0.5785, 6.8180 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(44, 32, 7) }
```


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

```
.border{ border-color:rgb(44, 32, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 32, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 32, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 32, 7); box-shadow:4px  
4px 4px 4px rgb(44, 32, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5851, 0.5785, 6.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 32, 7) }
```

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

```
.background{ background-color: rgb(44, 32,  
7) }
```

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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