

Converting Colors

HunterLab(25.7877, -0.6734,
15.2843)

Have a look what the booklet for
HunterLab(25.7877, -0.6734,
15.2843) contains.

HunterLab(25.7877, -0.6734, 15.2843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(25.7877, -0.6734,
15.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	594709
RGB	89, 71, 9
RGB Percent	35%, 28%, 4%
CMY	0.6510, 0.7216, 0.9647
CMYK	0.00, 0.20, 0.90, 0.65
HSL	47°, 82%, 19%
HSV	47°, 90%, 35%
XYZ	6.4224, 6.6501, 1.2035
YIQ	69.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

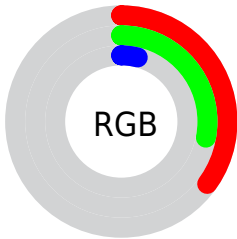
Format	Color
RYB	32, 89, 9
Decimal	5850889
CIELab	31.00, 1.08, 36.48
CIElCh	31, 36.493, 88.306
Yxy	6.6504, 0.4499, 0.4658
Android (android.graphics.Color)	4284040969 (0xFF594709)
YUV	69.3140, -29.7348, 17.2646
Hunter-Lab	25.7877, -0.6734, 15.2843

Details

The HunterLab color **25.7877, -0.6734, 15.2843** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.5027, 11.0678, -36.9209**, and the grayscale version is **24.6002, -1.3126, 1.3366**.

A 20% lighter version of the original color is **43.8747, -1.4508, 21.6006**, and **11.2332, 0.2360, 6.9260** is the 20% darker color. If you saturate the color by 10%, you get **25.2594, -0.0477, 15.5570**, and if you desaturate by 10%, it is **26.3304, -1.2605, 14.9234**.

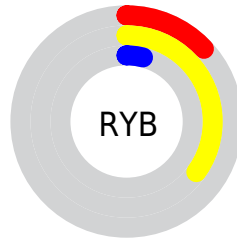
Distribution



Red (35%)

Green (28%)

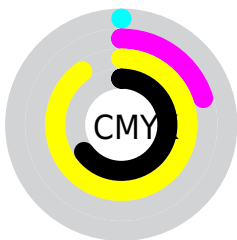
Blue (4%)



Red (13%)

Yellow (35%)

Blue (4%)

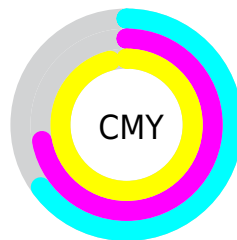


Cyan (0%)

Magenta (20%)

Yellow (90%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.7877, -0.6734, 15.2843 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 25.7877, -0.6734, 15.2843 by changing the saturation by 10% instead.

■ 25.7877, -0.6734,
15.2843

■ 25.7877, -0.6734,
15.2843

■ 128.3457, -5.6593,
39.7498

■ 18.0123, -0.3376,
12.6086

■ 43.8934, -1.5066,
21.6488

■ 11.2278, -0.0649,
7.8595

■ 54.0788, -1.9907,
24.5385

■ 3.3229, 1.2374,
2.3260

■ 64.9489, -2.5151,
27.2890

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.4633, -3.0770,
29.9292

0.0000, NaN, NaN

■ 88.5875, -3.6742,
32.4805

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.2925, -4.3047,

34.9595

0.0000, NaN, NaN

■ 114.5526, -4.9669,
37.3792

■ 25.7877, -0.6734,
15.2843

■ 25.7877, -0.6734,
15.2843

■ 25.2594, -0.0477,
15.5570

■ 26.3304, -1.2605,
14.9234

■ 25.2533, -0.0405,
15.5603

■ 26.8983, -1.7347,
14.2850

■ 27.4927, -2.0908,
13.3560

■ 28.1138, -2.3255,
12.1316

■ 28.7618, -2.4375,
10.6116

■ 29.4364, -2.4272,
8.7997

■ 30.1372, -2.2960,
6.7023

■ 30.8638, -2.0465,
4.3276

■ 31.6154, -1.6816,
1.6854

Harmonies

Analogous

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



25.7883, 12.2584, 14.1452



25.7877, -0.6734, 15.2843



25.7883, -11.6589, 14.3928

Triad

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



25.7883, -0.6745, 15.2845



25.7883, -19.0681, -11.7017



25.7883, 21.9828, -13.4306

Complementary

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



25.7877, -0.6734, 15.2843



12.5027, 11.0678, -36.9209

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.



25.7883, 10.8196, -27.2901



25.7877, -0.6734, 15.2843



25.7883, -12.6616, -26.0054

Square

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



25.7883, -0.6745, 15.2845



25.7883, -21.0119, 2.0600



25.7883, -2.0728, -32.7194



25.7883, 26.7688, 0.7298

Rectangle

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



25.7877, -0.6734, 15.2843



25.7883, -16.7649, 12.3308



25.7883, -2.0728, -32.7194



25.7883, 18.7601, -18.4870

Sweetspot

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



25.7883, -0.6745, 15.2845



38.6563, -3.1501, 10.9733



15.4968, 23.8287, 5.8422



19.3646, -1.5968, 5.7901



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



25.7883, -0.6745, 15.2845



32.8052, 0.2914, 20.2195



28.9507, -13.7783, 17.0687



15.3310, -0.9960, 2.0013



30.5277, 0.1899, 18.8143



71.3983, 2.1073, 44.0322

Inverse Universe

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



12.5027, 11.0678, -36.9209



14.0096, 19.3827, -59.3524



10.9443, 20.7435, -44.0941



14.5793, -0.5589, -0.4581



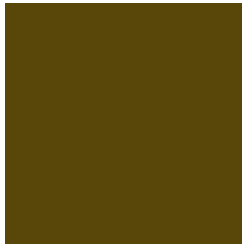
13.1179, 17.6980, -54.6012



29.1566, 48.1582, -140.4030

Previews

White Background



This preview shows how the HunterLab color 25.7877, -0.6734, 15.2843 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

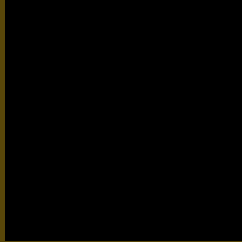
Any Text WCAG AA × Fail

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 25.7877, -0.6734, 15.2843 Background



This preview shows how black text looks on a background with the HunterLab color 25.7877, -0.6734, 15.2843.

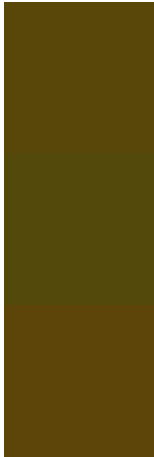


This preview shows how white text looks on a background with the HunterLab color 25.7877, -0.6734,

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

25.7877, -0.6734, 15.2843

Protanopia

25.7410, -3.4081, 15.1404

Deuteranopia

25.7008, 1.5371, 15.2012



Tritanopia

25.8428, 7.2676, 2.3749

Trichromacy



Original Color

25.7877, -0.6734, 15.2843

Protanomaly

25.6670, -2.3666, 15.1111

Deuteranomaly

25.8409, 0.7734, 15.2777

Tritanomaly

25.7351, 3.6148, 9.4788

Monochromacy



Original Color

25.7877, -0.6734, 15.2843

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.7428, -2.2961, 8.7619

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.7877, -0.6734, 15.2843 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(89, 71, 9)` looks like.

```
.text, #text, p{  
    color:rgb(89, 71, 9)  
}
```

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(89, 71, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 71, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 25.7877, -0.6734, 15.2843 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(89, 71, 9) }
```


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

```
.border{ border-color:rgb(89, 71, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 71, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 71, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 71, 9); box-shadow:4px  
4px 4px 4px rgb(89, 71, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.7877, -0.6734, 15.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 71, 9) }
```

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

```
.background{ background-color: rgb(89, 71,  
9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor