

Converting Colors

HunterLab(29.2793, -4.1419,
17.7943)

Have a look what the booklet for
HunterLab(29.2793, -4.1419,
17.7943) contains.

HunterLab(29.2793, -4.1388, 17.7949)	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(29.2793, -4.1388,
17.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5303
RGB	94, 83, 3
RGB Percent	37%, 33%, 1%
CMY	0.6314, 0.6745, 0.9882
CMYK	0.00, 0.12, 0.97, 0.63
HSL	53°, 94%, 19%
HSV	53°, 97%, 37%
XYZ	7.7258, 8.5728, 1.3336
YIQ	77.1690, 32.2360, -22.5480

Conversions

Conversions Part 2

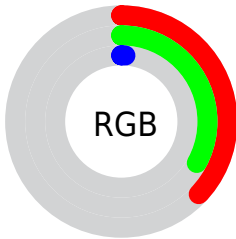
Format	Color
RYB	16, 94, 3
Decimal	6181635
CIELab	35.15, -3.88, 42.08
CIElCh	35, 42.262, 95.266
Yxy	8.5732, 0.4382, 0.4862
Android (android.graphics.Color)	4284371715 (0xFF5E5303)
YUV	77.1690, -36.5653, 14.7608
Hunter-Lab	29.2793, -4.1388, 17.7949

Details

The HunterLab color **29.2793, -4.1388, 17.7949** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10.6846, 18.3065, -51.8589**, and the grayscale version is **27.4225, -1.4632, 1.4899**.

A 20% lighter version of the original color is **47.9490, -5.7426, 24.8191**, and **14.0944, -2.3219, 8.6442** is the 20% darker color. If you saturate the color by 10%, you get **29.1740, -4.0534, 17.9059**, and if you desaturate by 10%, it is **29.6132, -4.4089, 17.4478**.

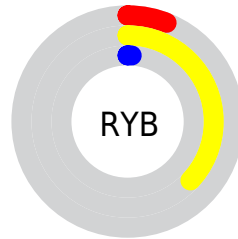
Distribution



Red (37%)

Green (33%)

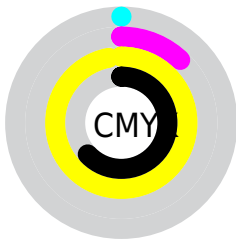
Blue (1%)



Red (6%)

Yellow (37%)

Blue (1%)

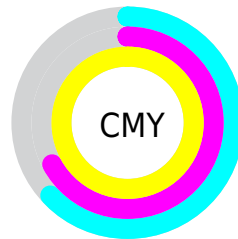


Cyan (0%)

Magenta (12%)

Yellow (97%)

Black (63%)



Cyan (63%)

Magenta (67%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2793, -4.1388, 17.7949 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 29.2793, -4.1388, 17.7949 by changing the saturation by 10% instead.

■ 29.2793, -4.1388,
17.7949

■ 29.2793, -4.1388,
17.7949

■ 134.2241,
-11.4969, 44.9336

■ 21.1278, -3.4291,
14.5390

■ 48.0361, -5.6191,
24.8334

■ 13.9150, -2.7308,
9.7405

■ 58.5112, -6.3912,
28.0454

■ 7.5501, -2.6419,
5.2851

■ 69.6534, -7.1859,
31.1053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.4248, -8.0034,
34.0419

0.0000, NaN, NaN

■ 93.7934, -8.8435,
36.8773


0.0000, NaN, NaN


■ 106.7318, -9.7060,


0.0000, NaN, NaN


39.6290


0.0000, NaN, NaN


 120.2158,
-10.5906, 42.3108

 29.2793, -4.1388,
17.7949


 29.2793, -4.1388,
17.7949


 29.1740, -4.0534,
17.9059

 29.6132, -4.4089,
17.4478

 29.9619, -4.5992,
16.8995

 30.3332, -4.6716,
16.0481

 30.7283, -4.6186,
14.8758

 31.1481, -4.4351,
13.3711

■ 31.5934, -4.1178,
11.5274

■ 32.0645, -3.6652,
9.3423

■ 32.5617, -3.0768,
6.8168

■ 33.0851, -2.3535,
3.9548

Harmonies

Analogous

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



29.2800, 11.3731, 17.0915



29.2793, -4.1388, 17.7949



29.2800, -16.2998, 16.2325

Triad

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



29.2800, -4.1400, 17.7951



29.2800, -21.4284, -18.8384



29.2800, 29.1624, -12.2088

Complementary

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



29.2793, -4.1388, 17.7949



10.6846, 18.3065, -51.8589

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.



29.2800, 16.8231, -30.4084



29.2793, -4.1388, 17.7949



29.2800, -12.5836, -35.3906

Square

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



29.2800, -4.1400, 17.7951



29.2800, -24.9262, -1.0117



29.2800, 1.1045, -40.4345



29.2800, 32.6584, 3.9799

Rectangle

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



29.2793, -4.1388, 17.7949



29.2800, -21.5366, 13.2344



29.2800, 1.1045, -40.4345



29.2800, 25.8056, -18.5024

Sweetspot

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



29.2800, -4.1400, 17.7951



42.2330, -5.0546, 13.3056



15.7472, 26.1251, 8.4399



20.5871, -2.5582, 6.9158



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



29.2800, -4.1400, 17.7951



38.4830, -5.1716, 23.6225



29.9875, -17.2324, 18.0060



16.2604, -1.2369, 2.2449



34.2510, -4.6642, 21.0236



79.6125, -10.0626, 48.8807

Inverse Universe

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



10.6846, 18.3065, -51.8589



13.2321, 26.8321, -74.4618



11.2030, 24.9035, -48.7047



15.2336, -0.3975, -0.6399



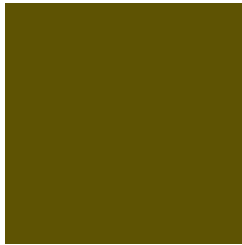
11.8848, 23.3970, -65.3623



26.4298, 60.0454, -162.6558

Previews

White Background



This preview shows how the HunterLab color 29.2793, -4.1388, 17.7949 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



This preview shows how the HunterLab color 29.2793, -4.1388, 17.7949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

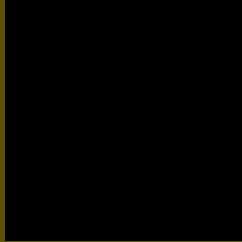
Any Text WCAG AA × Fail

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 29.2793, -4.1388, 17.7949 Background



This preview shows how black text looks on a background with the HunterLab color 29.2793, -4.1388, 17.7949.



This preview shows how white text looks on a background with the HunterLab color 29.2793, -4.1388,

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

29.2793, -4.1388, 17.7949

Protanopia

29.2793, -4.1388, 17.7949

Deuteranopia

29.3588, 1.4088, 17.4760



Tritanopia

29.3001, 5.7522, 1.5954

Trichromacy



Original Color

29.2793, -4.1388, 17.7949

Protanomaly

29.2793, -4.1388, 17.7949

Deuteranomaly

29.1917, -0.4595, 17.5132

Tritanomaly

28.9822, 0.9645, 10.7359

Monochromacy



Original Color

29.2793, -4.1388, 17.7949

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.6790, -3.6891, 10.5272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2793, -4.1388, 17.7949 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(94, 83, 3)` looks like.

```
.text, #text, p{  
    color:rgb(94, 83, 3)  
}
```

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(94, 83, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 83, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2793, -4.1388, 17.7949 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(94, 83, 3) }
```


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

```
.border{ border-color:rgb(94, 83, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 83, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 83, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 83, 3); box-shadow:4px  
4px 4px 4px rgb(94, 83, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.2793, -4.1388, 17.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 83, 3) }
```

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

```
.background{ background-color: rgb(94, 83,  
3) }
```

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