

Converting Colors

HunterLab(17.1719, 3.3411,
6.5531)

Have a look what the booklet for
HunterLab(17.1719, 3.3411, 6.5531)
contains.

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Color

**HunterLab(17.2629, 3.2590,
6.7020)**

Conversions

Conversions Part 1	
Format	Color
Hex	402C1D
RGB	64, 44, 29
RGB Percent	25%, 17%, 11%
CMY	0.7490, 0.8274, 0.8863
CMYK	0.00, 0.31, 0.55, 0.75
HSL	26°, 38%, 18%
HSV	26°, 55%, 25%
XYZ	3.2368, 2.9801, 1.5670
YIQ	48.2700, 16.7350, -0.4250

Conversions

Conversions Part 2

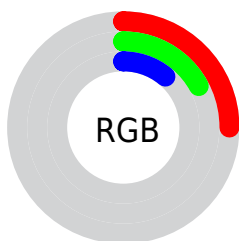
Format	Color
RYB	64, 55, 29
Decimal	4205597
CIELab	19.96, 7.05, 13.36
CIELCh	20, 15.105, 62.178
Yxy	2.9802, 0.4158, 0.3829
Android (android.graphics.Color)	4282395677 (0xFF402C1D)
YUV	48.2700, -9.5001, 13.7952
Hunter-Lab	17.2629, 3.2590, 6.7020

Details

The HunterLab color **17.2629, 3.2590, 6.7020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8164, -2.5695, -6.7843**, and the grayscale version is **17.3090, -0.9236, 0.9404**.

A 20% lighter version of the original color is **33.6215, 3.1132, 9.6563**, and **3.4521, 5.9118, 2.2307** is the 20% darker color. If you saturate the color by 10%, you get **16.4050, 4.3204, 7.3298**, and if you desaturate by 10%, it is **18.1655, 2.2761, 5.9410**.

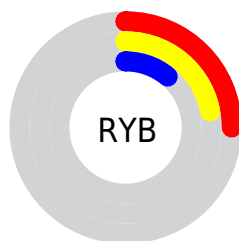
Distribution



Red (25%)

Green (17%)

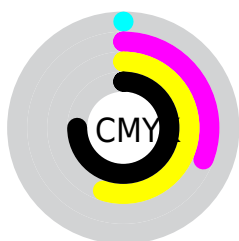
Blue (11%)



Red (25%)

Yellow (22%)

Blue (11%)

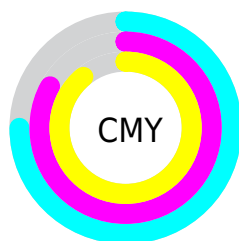


Cyan (0%)

Magenta (31%)

Yellow (55%)

Black (75%)



Cyan (75%)


Magenta (83%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 17.2629, 3.2590, 6.7020 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 17.2629, 3.2590, 6.7020 by changing the saturation by 10% instead.

 17.2629, 3.2590,
6.7020

 17.2629, 3.2590,
6.7020


113.1580, 1.5317,
18.8274

 10.5897, 3.0479,
5.9169

 33.5106, 3.3418,
9.6226

0.0000, INF, NaN

0.0000, NaN, NaN


 42.8823, 3.2564,
10.9882

0.0000, NaN, NaN


 52.9943, 3.1027,
12.3214

0.0000, NaN, NaN

0.0000, NaN, NaN

 63.7958, 2.8886,
13.6350

0.0000, NaN, NaN


 75.2452, 2.6201,
14.9372


0.0000, NaN, NaN


 87.3079, 2.3020,

0.0000, NaN, NaN


16.2341

 99.9541, 1.9381,
17.5298


 17.2629, 3.2590,
6.7020


 17.2629, 3.2590,
6.7020

 16.4050, 4.3204,
7.3298


 18.1655, 2.2761,
5.9410


 15.5943, 5.4618,
7.8109


 19.1078, 1.3723,
5.0591


 14.8355, 6.6778,
8.1337

 20.0869, 0.5437,
4.0689

 14.1232, 7.9126,
8.4312

 21.0998, -0.2140,
2.9817

 13.7615, 8.5557,
8.6295

 22.1436, -0.9055,
1.8077

■ 23.2161, -1.5357,
0.5558

■ 24.3150, -2.1094,
-0.7660

■ 25.4383, -2.6312,
-2.1509

■ 26.5844, -3.1054,
-3.5929

Harmonies

Analogous

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



17.2633, 6.9384, 4.7387



17.2629, 3.2590, 6.7020



17.2633, -1.2463, 7.2578

Triad

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



17.2633, 3.2582, 6.7022



17.2633, -8.6714, 0.6272



17.2633, 3.8781, -7.4725

Complementary

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



17.2629, 3.2590, 6.7020



16.8164, -2.5695, -6.7843

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.



17.2633, -0.5954, -9.3405



17.2629, 3.2590, 6.7020



17.2633, -7.5872, -3.9846

Square

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



17.2633, 3.2582, 6.7022



17.2633, -7.8601, 4.3250



17.2633, -4.7389, -7.9263



17.2633, 7.3210, -3.3099

Rectangle

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



17.2629, 3.2590, 6.7020



17.2633, -4.0365, 6.9081



17.2633, -4.7389, -7.9263



17.2633, 2.4302, -8.4311

Sweetspot

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



17.2633, 3.2582, 6.7022



27.5222, -0.0862, 4.2290



14.8123, 11.6402, -2.4854



14.3909, -0.0052, 2.2798



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



17.2633, 3.2582, 6.7022



21.1467, 6.3231, 9.9524



21.2723, -3.5834, 9.8052



11.8832, -0.3525, 1.2427



20.3933, 14.4709, 12.8196



49.3053, 40.6580, 31.0935

Inverse Universe

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



16.8164, -2.5695, -6.7843



20.4108, -3.0473, -11.9301



12.8840, 4.4196, -14.3047



11.8435, -0.8847, 0.0241



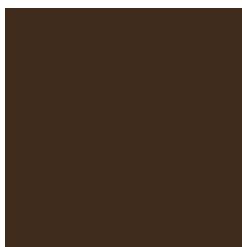
19.0489, -0.1944, -23.3898



45.7155, 2.9962, -63.6084

Previews

White Background



This preview shows how the HunterLab color 17.2629, 3.2590, 6.7020 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 17.2629, 3.2590, 6.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

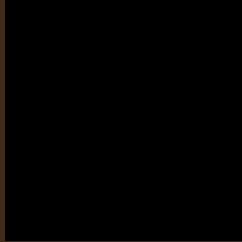
Any Text WCAG AA × Fail

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 17.2629, 3.2590, 6.7020 Background



This preview shows how black text looks on a background with the HunterLab color 17.2629, 3.2590, 6.7020.

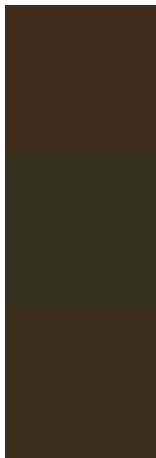


This preview shows how white text looks on a background with the HunterLab color 17.2629, 3.2590,

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

17.2629, 3.2590, 6.7020

Protanopia

17.4712, -1.8263, 6.3345

Deuteranopia

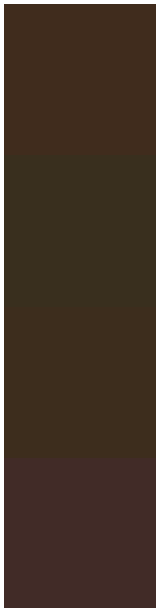
17.2410, 0.9129, 6.6424



Tritanopia

17.2314, 5.9109, 2.1791

Trichromacy



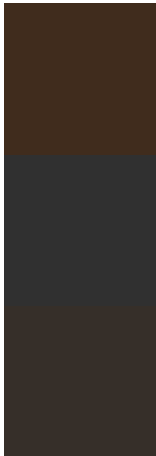
Original Color
17.2629, 3.2590, 6.7020

Protanomaly
17.3108, 0.0034, 6.4599

Deuteranomaly
17.1976, 1.9206, 6.6233

Tritanomaly
17.3149, 4.8534, 4.1817

Monochromacy



Original Color
17.2629, 3.2590, 6.7020

Achromatopsia
17.1921, -0.9173, 0.9341

Achromatomaly
17.2551, 0.1972, 3.4277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.2629, 3.2590, 6.7020 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(64, 44, 29)` looks like.

```
.text, #text, p{  
    color:rgb(64, 44, 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(64, 44, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 44, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 17.2629, 3.2590, 6.7020 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(64, 44, 29) }
```


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

```
.border{ border-color:rgb(64, 44, 29) }
```

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

Here you see how a box with a 4 pixel rgb(64, 44, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 44, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 44, 29);  
box-shadow:4px 4px 4px 4px rgb(64, 44, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.2629, 3.2590, 6.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 44, 29) }
```

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

```
.background{ background-color: rgb(64, 44,  
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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