

Converting Colors

HunterLab(28.9379, 3.8198,
11.8163)

Have a look what the booklet for
HunterLab(28.9379, 3.8198,
11.8163) contains.

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Color

**HunterLab(29.0200, 3.4854,
11.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	674D32
RGB	103, 77, 50
RGB Percent	40%, 30%, 20%
CMY	0.5961, 0.6980, 0.8039
CMYK	0.00, 0.25, 0.51, 0.60
HSL	31°, 35%, 30%
HSV	31°, 51%, 40%
XYZ	8.8231, 8.4216, 4.1781
YIQ	81.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

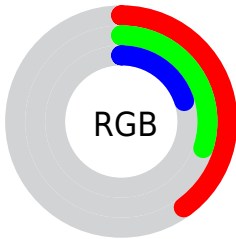
Format	Color
RYB	101, 103, 50
Decimal	6769970
CIELab	34.85, 7.23, 20.21
CIElCh	35, 21.461, 70.317
Yxy	8.4220, 0.4119, 0.3931
Android (android.graphics.Color)	4284960050 (0xFF674D32)
YUV	81.6960, -15.6261, 18.6836
Hunter-Lab	29.0200, 3.4854, 11.7778

Details

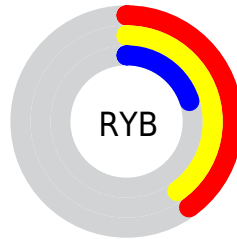
The HunterLab color **29.0200, 3.4854, 11.7778** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26.1266, -2.3519, -13.0620**, and the grayscale version is **28.9865, -1.5466, 1.5749**.

A 20% lighter version of the original color is **47.8045, 3.4510, 15.4909**, and **13.7140, 3.1657, 8.0094** is the 20% darker color. If you saturate the color by 10%, you get **27.6822, 4.9831, 12.9022**, and if you desaturate by 10%, it is **30.4235, 2.1364, 10.3716**.

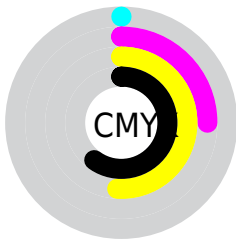
Distribution



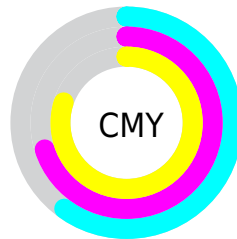
- Red (40%)
- Green (30%)
- Blue (20%)



- Red (40%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0200, 3.4854, 11.7778 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 29.0200, 3.4854, 11.7778 by changing the saturation by 10% instead.

■ 29.0200, 3.4854,
11.7778

■ 29.0200, 3.4854,
11.7778

133.7930, 1.0591,
27.1002

■ 20.8953, 3.4321,
9.7359

■ 47.7302, 3.3384,
15.5001

■ 13.7128, 3.2721,
7.9695

■ 58.1844, 3.1636,
17.2494

■ 7.3251, 3.9088,
5.1275

■ 69.3070, 2.9311,
18.9514

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.0599, 2.6461,
20.6191

0.0000, NaN, NaN

■ 93.4109, 2.3132,
22.2616

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3324, 1.9359,

119.8002, 1.5170,
25.4975

■ 29.0200, 3.4854,
11.7778

■ 29.0200, 3.4854,
11.7778

■ 27.6822, 4.9831,
12.9022

■ 30.4235, 2.1364,
10.3716

■ 26.4130, 6.6343,
13.7237

■ 31.8860, 0.9356,
8.7044

■ 25.2179, 8.4333,
14.2276

■ 33.4039, -0.1250,
6.7985

■ 24.1013, 10.3675,
14.4109

■ 34.9729, -1.0532,
4.6752

■ 23.1998, 12.0498,
14.5065

■ 36.5894, -1.8578,
2.3541

■ 38.2499, -2.5473,
-0.1465

■ 39.9515, -3.1303,
-2.8104

■ 41.6912, -3.6151,
-5.6229

■ 43.4666, -4.0093,
-8.5711

Harmonies

Analogous

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



29.0207, 10.3224, 9.1465



29.0200, 3.4854, 11.7778



29.0207, -4.0953, 12.1179

Triad

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



29.0207, 3.4841, 11.7782



29.0207, -14.4533, -0.9941



29.0207, 8.4138, -10.9915

Complementary

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



29.0200, 3.4854, 11.7778



26.1266, -2.3519, -13.0620

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.



29.0207, 1.0861, -15.4791



29.0200, 3.4854, 11.7778



29.0207, -11.7756, -8.8073

Square

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



29.0207, 3.4841, 11.7782



29.0207, -13.9518, 5.8424



29.0207, -6.2628, -14.5912



29.0207, 13.3631, -3.4473

Rectangle

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



29.0200, 3.4854, 11.7778



29.0207, -8.4963, 11.1240



29.0207, -6.2628, -14.5912



29.0207, 6.1180, -12.9848

Sweetspot

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



29.0207, 3.4841, 11.7782



45.9541, -0.9349, 7.4213



23.8613, 18.5083, -2.1899



22.5376, -0.3670, 3.8838



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



29.0207, 3.4841, 11.7782



36.6326, 7.1722, 17.5622



35.7971, -7.6970, 16.9251



17.4791, -0.6271, 2.0269



25.8861, 13.8214, 16.1929



57.6127, 35.0035, 36.1135

Inverse Universe

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



26.1266, -2.3519, -13.0620



31.9385, -2.0489, -23.0097



19.8461, 9.3791, -25.9420



17.2176, -1.1727, -0.1963



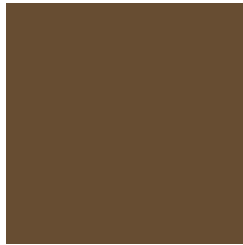
20.2196, 4.4151, -34.8036



44.2478, 13.9025, -85.3173

Previews

White Background



This preview shows how the HunterLab color 29.0200, 3.4854, 11.7778 looks on a white background.

Color Contrast Check

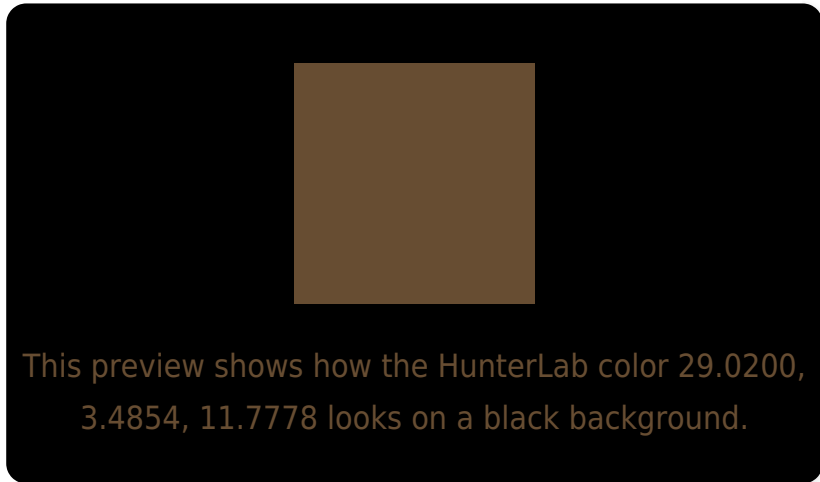
Large Text (above 18pt) WCAG AA ✓ Pass

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

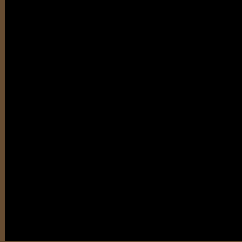
Any Text WCAG AA × Fail

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 29.0200, 3.4854, 11.7778 Background



This preview shows how black text looks on a background with the HunterLab color 29.0200, 3.4854, 11.7778.

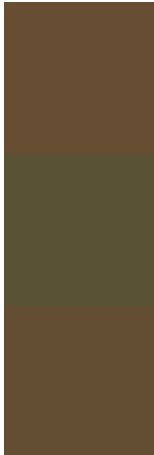


This preview shows how white text looks on a background with the HunterLab color 29.0200, 3.4854,

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

29.0200, 3.4854, 11.7778

Protanopia

29.0795, -2.6812, 11.2477

Deuteranopia

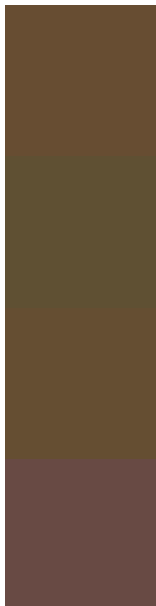
28.9627, 2.0445, 11.7051



Tritanopia

28.8667, 8.9666, 2.7513

Trichromacy



Original Color

29.0200, 3.4854, 11.7778

Protanomaly

28.9987, -0.3621, 11.4590

Deuteranomaly

29.0616, 2.3756, 11.7928

Tritanomaly

28.7367, 6.8640, 6.5442

Monochromacy



Original Color

29.0200, 3.4854, 11.7778

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.9019, 0.0075, 5.9226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0200, 3.4854, 11.7778 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(103, 77, 50)` looks like.

```
.text, #text, p{  
    color:rgb(103, 77, 50)  
}
```

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(103, 77, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 77, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0200, 3.4854, 11.7778 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(103, 77, 50) }
```


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

```
.border{ border-color:rgb(103, 77, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 77, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 77, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 77, 50);  
box-shadow:4px 4px 4px 4px rgb(103, 77,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.0200, 3.4854, 11.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 77, 50) }
```

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

```
.background{ background-color: rgb(103, 77,  
50) }
```

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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