

Converting Colors

HunterLab(17.5354, -4.6294,
7.3033)

Have a look what the booklet for
HunterLab(17.5354, -4.6294, 7.3033)
contains.

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Color

**HunterLab(17.4675, -4.4693,
7.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	2F331B
RGB	47, 51, 27
RGB Percent	18%, 20%, 11%
CMY	0.8157, 0.8000, 0.8941
CMYK	0.08, 0.00, 0.47, 0.80
HSL	70°, 31%, 15%
HSV	70°, 47%, 20%
XYZ	2.5540, 3.0511, 1.4912
YIQ	47.0680, 5.3200, -8.3120

Conversions

Conversions Part 2

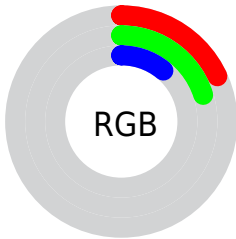
Format	Color
R_{YB}	27, 51, 31
Decimal	3093275
CIE _{Lab}	20.25, -6.48, 14.64
CIE _{LCh}	20, 16.015, 113.870
Yxy	3.0513, 0.3599, 0.4300
Android (android.graphics.Color)	4281283355 (0xFF2F331B)
YUV	47.0680, -9.8935, -0.0596
Hunter-Lab	17.4675, -4.4693, 7.1655

Details

The HunterLab color **17.4675, -4.4693, 7.1655** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.4642, 4.1443, -9.0619**, and the grayscale version is **16.9134, -0.9025, 0.9189**.

A 20% lighter version of the original color is **33.6623, -6.2734, 10.1331**, and **2.0837, -1.7867, 1.2527** is the 20% darker color. If you saturate the color by 10%, you get **17.3484, -5.0357, 8.0248**, and if you desaturate by 10%, it is **17.5994, -3.8417, 6.1495**.

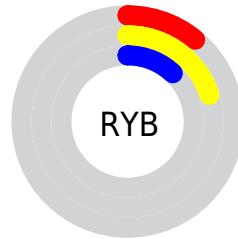
Distribution



Red (18%)

Green (20%)

Blue (11%)



Red (11%)

Yellow (20%)

Blue (12%)

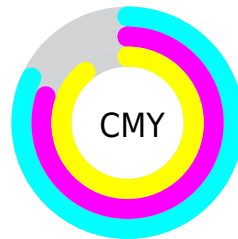


Cyan (8%)

Magenta (0%)

Yellow (47%)

Black (80%)



Cyan (82%)

Magenta (80%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4675, -4.4693, 7.1655 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 17.4675, -4.4693, 7.1655 by changing the saturation by 10% instead.

■ 17.4675, -4.4693,
7.1655

■ 17.4675, -4.4693,
7.1655

■ 113.5403,
-12.8648, 20.0017

■ 10.7636, -3.5366,
6.3698

■ 33.7656, -6.2755,
10.2968

■ 1.6572, -2.9001,
1.1601

■ 43.1592, -7.1782,
11.7509

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.2913, -8.0900,
13.1650

0.0000, NaN, NaN

■ 64.1117, -9.0140,
14.5532

0.0000, NaN, NaN

■ 75.5790, -9.9524,
15.9251

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.6586, -10.9065,

100.3210,
-11.8771, 18.6451

17.4675, -4.4693,
7.1655

17.4675, -4.4693,
7.1655

17.3484, -5.0357,
8.0248

17.5994, -3.8417,
6.1495

17.2405, -5.5406,
8.7308

17.7431, -3.1511,
4.9739

17.1438, -5.9860,
9.2891

17.8994, -2.3980,
3.6377

17.0555, -6.3867,
9.7388

18.0683, -1.5830,
2.1410

16.9684, -6.7845,
10.1865

18.2500, -0.7069,
0.4851

■ 16.9429, -6.9015,
10.3193

■ 18.4446, 0.2288,
-1.3281

■ 18.6520, 1.2227,
-3.2955

■ 18.8721, 2.2727,
-5.4134

■ 19.1050, 3.3770,
-7.6775

Harmonies

Analogous

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



17.4679, 0.0508, 7.5606



17.4675, -4.4693, 7.1655



17.4679, -7.7008, 5.3288

Triad

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



17.4679, -4.4698, 7.1657



17.4679, -5.9879, -7.5999



17.4679, 9.0826, -0.0004

Complementary

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



17.4675, -4.4693, 7.1655



11.4642, 4.1443, -9.0619

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.



17.4679, 7.0535, -4.9716



17.4675, -4.4693, 7.1655



17.4679, -1.8955, -10.0510

Square

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



17.4679, -4.4698, 7.1657



17.4679, -8.5097, -2.9335



17.4679, 2.9098, -8.9792



17.4679, 8.2059, 4.1076

Rectangle

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



17.4675, -4.4693, 7.1655



17.4679, -8.8535, 3.1918



17.4679, 2.9098, -8.9792



17.4679, 8.7114, -1.6330

Sweetspot

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



17.4679, -4.4698, 7.1657



23.1140, -2.8529, 4.2574



13.2779, 4.3655, 3.6278



12.1986, -1.5333, 2.2970



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.4679, -4.4698, 7.1657



22.3276, -6.6168, 10.5259



16.7460, -7.1884, 6.5215



9.9304, -0.9251, 1.2787



29.4228, -12.3850, 17.9134



76.9895, -33.3818, 46.8561

Inverse Universe

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



11.4642, 4.1443, -9.0619



12.8366, 7.3124, -15.9836



12.3958, 6.9036, -7.2222



9.3263, -0.0846, -0.2829



9.0886, 23.5466, -56.0022



23.1826, 61.2541, -152.0973

Previews

White Background



This preview shows how the HunterLab color 17.4675, -4.4693, 7.1655 looks on a white background.

Color Contrast Check

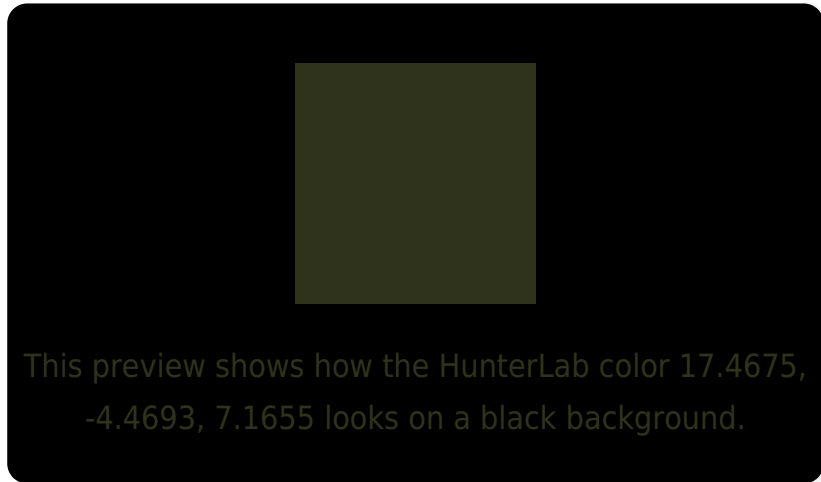
Large Text (above 18pt) WCAG AA ✓ Pass

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

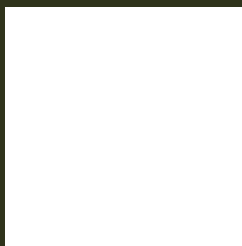
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.4675, -4.4693, 7.1655 Background



This preview shows how black text looks on a background with the HunterLab color 17.4675, -4.4693, 7.1655.

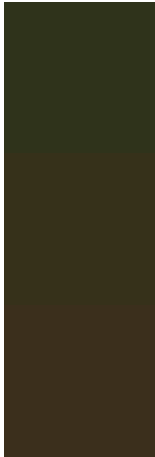


This preview shows how white text looks on a background with the HunterLab color 17.4675, -4.4693, 7.1655.

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

17.4675, -4.4693, 7.1655

Protanopia

17.4799, -1.9349, 7.4223

Deuteranopia

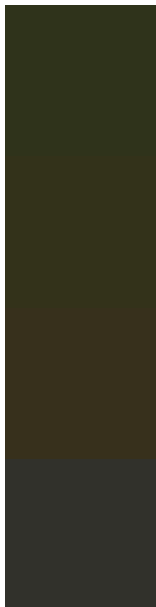
17.4547, 0.4378, 7.0315



Tritanopia

17.4354, 0.1212, -0.3020

Trichromacy



Original Color

17.4675, -4.4693, 7.1655

Protanomaly

17.4917, -3.1360, 7.4108

Deuteranomaly

17.3493, -1.1199, 6.9165

Tritanomaly

17.3897, -1.6807, 2.8936

Monochromacy



Original Color

17.4675, -4.4693, 7.1655

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9453, -2.1373, 3.3802

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4675, -4.4693, 7.1655 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(47, 51, 27)` looks like.

```
.text, #text, p{  
    color:rgb(47, 51, 27)  
}
```

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(47, 51, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 51, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4675, -4.4693, 7.1655 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(47, 51, 27) }
```


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

```
.border{ border-color:rgb(47, 51, 27) }
```

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

Here you see how a box with a 4 pixel rgb(47, 51, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 51, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 51, 27);  
box-shadow:4px 4px 4px 4px rgb(47, 51, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4675, -4.4693, 7.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 51, 27) }
```

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

```
.background{ background-color: rgb(47, 51,  
27) }
```

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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