

Converting Colors

HunterLab(17.0710, 29.7585,
6.9704)

Have a look what the booklet for
HunterLab(17.0710, 29.7585,
6.9704) contains.

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Color

**HunterLab(17.0689, 29.7508,
7.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	66001D
RGB	102, 0, 29
RGB Percent	40%, 0%, 11%
CMY	0.6000, 1.0000, 0.8863
CMYK	0.00, 1.00, 0.72, 0.60
HSL	343°, 100%, 20%
HSV	343°, 100%, 40%
XYZ	5.7012, 2.9135, 1.4242
YIQ	33.8040, 51.4830, 30.6430

Conversions

Conversions Part 2

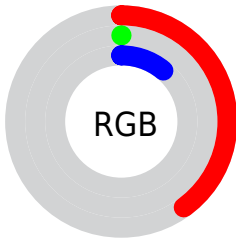
Format	Color
R_{YB}	102, 0, 29
Decimal	6684701
CIE _{Lab}	19.69, 41.87, 14.42
CIE _{LCh}	20, 44.283, 19.002
Yxy	2.9137, 0.5679, 0.2902
Android (android.graphics.Color)	4284874781 (0xFF66001D)
YUV	33.8040, -2.3684, 59.8079
Hunter-Lab	17.0689, 29.7508, 7.0010

Details

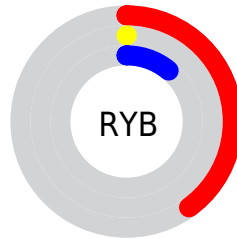
The HunterLab color **17.0689, 29.7508, 7.0010** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31.5973, -21.6579, 7.2604**, and the grayscale version is **12.5829, -0.6714, 0.6837**.

A 20% lighter version of the original color is **33.2724, 33.4237, 10.1624**, and **8.2613, 14.2008, 4.9270** is the 20% darker color. If you saturate the color by 10%, you get **17.0688, 29.7503, 7.0023**, and if you desaturate by 10%, it is **17.8202, 28.0466, 5.8381**.

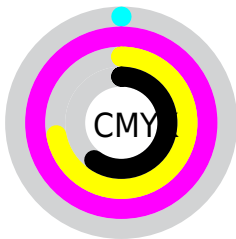
Distribution



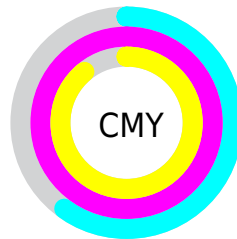
- Red (40%)
- Green (0%)
- Blue (11%)



- Red (40%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0689, 29.7508, 7.0010 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 17.0689, 29.7508, 7.0010 by changing the saturation by 10% instead.

■ 17.0689, 29.7508,
7.0010

■ 17.0689, 29.7508,
7.0010

■ 112.7947, 41.8590,
19.7282

■ 10.4251, 28.0416,
6.3844

■ 33.2686, 33.2061,
10.1055

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.6195, 34.7746,
11.5464

0.0000, NaN, NaN

■ 52.7122, 36.2212,
12.9478

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4957, 37.5511,
14.3238

0.0000, NaN, NaN


■ 74.9282, 38.7720,
15.6841


0.0000, NaN, NaN


■ 86.9747, 39.8921,


0.0000, NaN, NaN


17.0352


 99.6055, 40.9188,
18.3820


 17.0689, 29.7508,
7.0010


 17.0689, 29.7508,
7.0010


 17.0688, 29.7503,
7.0023

 17.8202, 28.0466,
5.8381

 18.7576, 26.0223,
4.6057

 20.0563, 23.2373,
3.5403

 21.6910, 19.9306,
2.6991

 23.6234, 16.3299,
2.0984

■ 25.8128, 12.6070,
1.7265

■ 28.2207, 8.8718,
1.5575

■ 30.8143, 5.1854,
1.5618

■ 33.5660, 1.5759,
1.7111

Harmonies

Analogous

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



17.0694, 31.2227, -4.2602



17.0689, 29.7508, 7.0010



17.0694, 18.7850, 11.8187

Triad

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



17.0694, 29.7487, 7.0014



17.0694, -15.9814, 10.7573



17.0694, -5.4249, -42.7969

Complementary

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



17.0689, 29.7508, 7.0010



31.5973, -21.6579, 7.2604

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.



17.0694, -14.4136, -28.5381



17.0689, 29.7508, 7.0010



17.0694, -19.1759, 4.8726

Square

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



17.0694, 29.7487, 7.0014



17.0694, -8.3144, 11.9486



17.0694, -18.7041, -8.7723



17.0694, 8.0170, -40.3327

Rectangle

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



17.0689, 29.7508, 7.0010



17.0694, 9.0045, 11.9486



17.0694, -18.7041, -8.7723



17.0694, -8.9796, -39.5367

Sweetspot

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



17.0694, 29.7487, 7.0014



37.0854, 12.1774, 2.0724



15.2130, 32.3551, -39.0498



17.5471, 6.6195, 1.0290



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



17.0694, 29.7487, 7.0014



22.5655, 39.2554, 9.8422



18.2745, 24.0559, 11.6810



16.9058, 0.5964, 0.8658



19.3277, 33.6563, 8.1706



43.9880, 76.3036, 20.8829

Inverse Universe

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



17.0694, 29.7487, 7.0014



22.5655, 39.2554, 9.8422



26.3325, -9.5739, -12.2447



16.9058, 0.5964, 0.8658



19.3277, 33.6563, 8.1706



43.9880, 76.3036, 20.8829

Previews

White Background



This preview shows how the HunterLab color 17.0689, 29.7508, 7.0010 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

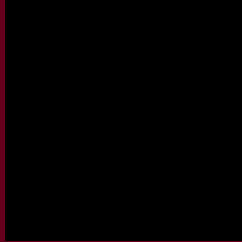
Any Text WCAG AA × Fail

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 17.0689, 29.7508, 7.0010 Background



This preview shows how black text looks on a background with the HunterLab color 17.0689, 29.7508, 7.0010.



This preview shows how white text looks on a background with the HunterLab color 17.0689, 29.7508,

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

17.0689, 29.7508, 7.0010

Protanopia

18.5543, -1.3039, 4.1070

Deuteranopia

18.3100, 0.8843, 8.4998



Tritanopia

17.6280, 26.4668, 10.4564

Trichromacy



Original Color

17.0689, 29.7508, 7.0010

Protanomaly

16.1412, 11.1904, 3.4064

Deuteranomaly

16.3532, 13.0603, 6.7621

Tritanomaly

17.4237, 27.4917, 9.5496

Monochromacy



Original Color

17.0689, 29.7508, 7.0010

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6803, 10.9078, 1.6151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0689, 29.7508, 7.0010 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(102, 0, 29)` looks like.

```
.text, #text, p{  
  color:rgb(102, 0, 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(102, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0689, 29.7508, 7.0010 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(102, 0, 29) }
```


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

```
.border{ border-color:rgb(102, 0, 29) }
```

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

Here you see how a box with a 4 pixel rgb(102, 0, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 29);  
box-shadow:4px 4px 4px 4px rgb(102, 0, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0689, 29.7508, 7.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 0, 29) }
```

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

```
.background{ background-color: rgb(102, 0,  
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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