

Converting Colors

HunterLab(17.0372, 29.6340,
7.4651)

Have a look what the booklet for
HunterLab(17.0372, 29.6340,
7.4651) contains.

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Color

**HunterLab(17.0409, 29.6474,
7.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	66001B
RGB	102, 0, 27
RGB Percent	40%, 0%, 11%
CMY	0.6000, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.74, 0.60
HSL	344°, 100%, 20%
HSV	344°, 100%, 40%
XYZ	5.6773, 2.9039, 1.2982
YIQ	33.5760, 52.1250, 30.0210

Conversions

Conversions Part 2

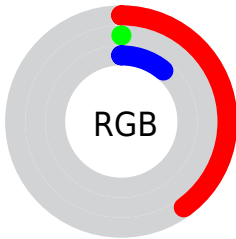
Format	Color
R_YB	102, 0, 27
Decimal	6684699
CIE Lab	19.66, 41.76, 15.78
CIE LCh	20, 44.647, 20.704
Yxy	2.9041, 0.5747, 0.2939
Android (android.graphics.Color)	4284874779 (0xFF66001B)
YUV	33.5760, -3.2420, 60.0078
Hunter-Lab	17.0409, 29.6474, 7.4118

Details

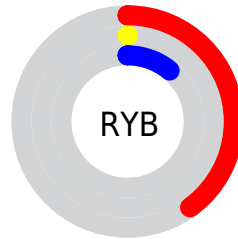
The HunterLab color **17.0409, 29.6474, 7.4118** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **31.6400, -21.3976, 6.6451**, and the grayscale version is **12.5136, -0.6677, 0.6799**.

A 20% lighter version of the original color is **33.2338, 33.2529, 10.7234**, and **8.2613, 14.2008, 4.9270** is the 20% darker color. If you saturate the color by 10%, you get **17.0408, 29.6470, 7.4131**, and if you desaturate by 10%, it is **17.7899, 27.9296, 6.2800**.

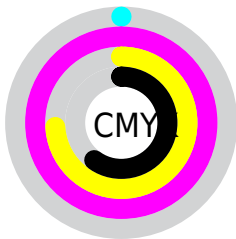
Distribution



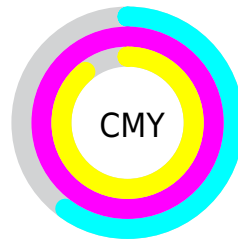
- Red (40%)
- Green (0%)
- Blue (11%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (60%)





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 17.0409, 29.6474, 7.4118 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 17.0409, 29.6474, 7.4118 by changing the saturation by 10% instead.

 17.0409, 29.6474,
7.4118

 17.0409, 29.6474,
7.4118


 112.7421, 41.7256,
20.9143

 10.4013, 27.9395,
6.9369

 33.2336, 33.0970,
10.7503

0.0000, INF, NaN

0.0000, NaN, NaN


 42.5816, 34.6622,
12.2882

0.0000, NaN, NaN


 52.6715, 36.1053,
13.7775

0.0000, NaN, NaN

0.0000, NaN, NaN

 63.4523, 37.4316,
15.2345

0.0000, NaN, NaN


 74.8823, 38.6490,
16.6700


0.0000, NaN, NaN


 86.9265, 39.7656,


0.0000, NaN, NaN


18.0916


 99.5551, 40.7889,
19.5050


 17.0409, 29.6474,
7.4118


 17.0409, 29.6474,
7.4118


 17.0408, 29.6470,
7.4131

 17.7899, 27.9296,
6.2800

 18.7265, 25.8963,
5.0568

 20.0262, 23.1080,
3.9763

 21.6631, 19.8045,
3.1001

 23.5990, 16.2136,
2.4496

■ 25.7926, 12.5063,
2.0173

■ 28.2052, 8.7916,
1.7811

■ 30.8039, 5.1293,
1.7136

■ 33.5608, 1.5468,
1.7879

Harmonies

Analogous

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



17.0414, 31.7666, -3.4164



17.0409, 29.6474, 7.4118



17.0414, 18.1643, 11.9290

Triad

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



17.0414, 29.6453, 7.4122



17.0414, -16.3547, 10.5638



17.0414, -4.7925, -43.7317

Complementary

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



17.0409, 29.6474, 7.4118



31.6400, -21.3976, 6.6451

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.



17.0414, -14.1125, -30.0010



17.0409, 29.6474, 7.4118



17.0414, -19.3290, 4.3631

Square

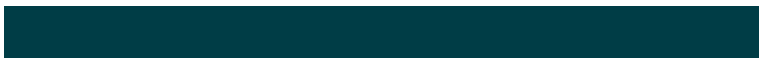
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.0414, 29.6453, 7.4122



17.0414, -8.9349, 11.9290



17.0414, -18.6556, -9.9086



17.0414, 8.9443, -40.1760

Rectangle

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



17.0409, 29.6474, 7.4118



17.0414, 8.2412, 11.9290



17.0414, -18.6556, -9.9086



17.0414, -8.4630, -40.7461

Sweetspot

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



17.0414, 29.6453, 7.4122



37.0641, 12.0687, 2.3766



15.6442, 32.9197, -37.4242



17.5359, 6.5626, 1.1898



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.



17.0414, 29.6453, 7.4122



22.5299, 39.1241, 10.3643



18.6283, 22.9983, 11.8804



16.9034, 0.5834, 0.9001



19.2965, 33.5414, 8.6274



43.9237, 76.0663, 21.8277

Inverse Universe

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



17.0414, 29.6453, 7.4122



22.5299, 39.1241, 10.3643



25.3710, -8.2565, -13.8868



16.9034, 0.5834, 0.9001



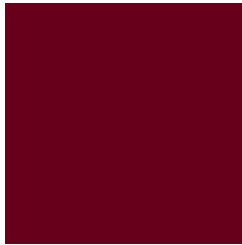
19.2965, 33.5414, 8.6274



43.9237, 76.0663, 21.8277

Previews

White Background



This preview shows how the HunterLab color 17.0409, 29.6474, 7.4118 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

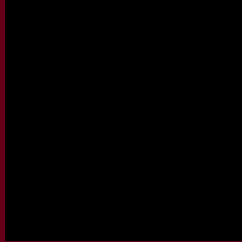
Any Text WCAG AA × Fail

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 17.0409, 29.6474, 7.4118 Background



This preview shows how black text looks on a background with the HunterLab color 17.0409, 29.6474, 7.4118.



This preview shows how white text looks on a background with the HunterLab color 17.0409, 29.6474,

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

17.0409, 29.6474, 7.4118

Protanopia

18.4971, -1.6191, 4.9347

Deuteranopia

18.2881, 0.7664, 8.8216



Tritanopia

17.5546, 26.6587, 10.5079

Trichromacy



Original Color

17.0409, 29.6474, 7.4118

Protanomaly

16.0835, 10.9170, 4.2399

Deuteranomaly

16.3267, 12.9380, 7.1488

Tritanomaly

17.3529, 27.6655, 9.6330

Monochromacy



Original Color

17.0409, 29.6474, 7.4118

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6592, 10.8112, 1.9184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0409, 29.6474, 7.4118 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(102, 0, 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(102, 0, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 0, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0409, 29.6474, 7.4118 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, 27) }
```


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

```
.border{ border-color:rgb(102, 0, 27) }
```

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, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 0, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 0, 27);  
box-shadow:4px 4px 4px 4px rgb(102, 0, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0409, 29.6474, 7.4118 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, 27) }
```

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

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