

Converting Colors

HunterLab(29.7242, 52.5098,
6.7557)

Have a look what the booklet for
HunterLab(29.7242, 52.5098,
6.7557) contains.

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Color

**HunterLab(29.6747, 52.4398,
6.6094)**

Conversions

Conversions Part 1

Format	Color
Hex	A80049
RGB	168, 0, 73
RGB Percent	66%, 0%, 29%
CMY	0.3412, 0.9999, 0.7137
CMYK	0.00, 1.00, 0.57, 0.34
HSL	334°, 100%, 33%
HSV	334°, 100%, 66%
XYZ	17.3511, 8.8059, 7.0885
YIQ	58.5540, 76.6950, 58.3190

Conversions

Conversions Part 2

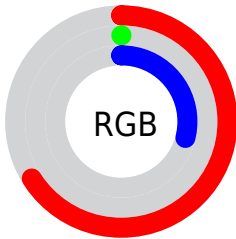
Format	Color
R_{YB}	168, 0, 73
Decimal	11010121
CIE _{Lab}	35.61, 61.19, 8.52
CIE _{LCh}	36, 61.779, 7.930
Yxy	8.8064, 0.5219, 0.2649
Android (android.graphics.Color)	4289200201 (0xFFA80049)
YUV	58.5540, 7.1219, 95.9841
Hunter-Lab	29.6747, 52.4398, 6.6094

Details

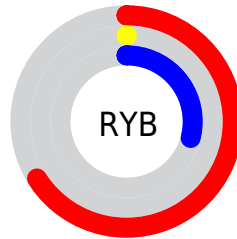
The HunterLab color **29.6747, 52.4398, 6.6094** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **53.6955, -40.5467, 20.4158**, and the grayscale version is **20.7225, -1.1057, 1.1259**.

A 20% lighter version of the original color is **48.4637, 56.9490, 8.7300**, and **18.2892, 31.8333, 7.8451** is the 20% darker color. If you saturate the color by 10%, you get **29.6743, 52.4385, 6.6141**, and if you desaturate by 10%, it is **30.5568, 51.0215, 4.0384**.

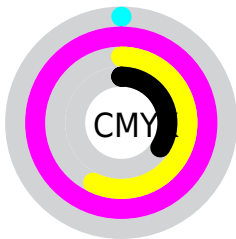
Distribution



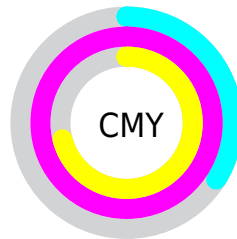
- Red (66%)
- Green (0%)
- Blue (29%)



- Red (66%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6747, 52.4398, 6.6094 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 29.6747, 52.4398, 6.6094 by changing the saturation by 10% instead.

■ 29.6747, 52.4398,
6.6094

■ 29.6747, 52.4398,
6.6094

134.8804, 68.7447,
16.1468

■ 21.4829, 50.3313,
5.5486

■ 48.5024, 56.6903,
8.6877

■ 14.2242, 48.5424,
4.4441

■ 59.0091, 58.7066,
9.7241

■ 7.8800, 49.5230,
4.9127

■ 70.1810, 60.6241,
10.7664

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.9805, 62.4400,
11.8176

0.0000, NaN, NaN

■ 94.3759, 64.1560,
12.8799

0.0000, NaN, NaN

■ 107.3398, 65.7758,

0.0000, NaN, NaN

13.9549

0.0000, NaN, NaN

120.8484, 67.3039,
15.0436

■ 29.6747, 52.4398,
6.6094

■ 29.6747, 52.4398,
6.6094

■ 29.6743, 52.4385,
6.6141

■ 30.5568, 51.0215,
4.0384

■ 31.9693, 48.1392,
1.7626

■ 34.0472, 43.5997,
0.0766

■ 36.7612, 37.8240,
-0.9439

■ 40.0474, 31.2822,
-1.3224

■ 43.8297, 24.3596,
-1.1387

■ 48.0342, 17.3173,
-0.4901

■ 52.5959, 10.3081,
0.5317

■ 57.4606, 3.4092,
1.8495

Harmonies

Analogous

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



29.6756, 48.1517, -17.6289



29.6747, 52.4398, 6.6094



29.6756, 39.2779, 17.1647

Triad

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



29.6756, 52.4364, 6.6102



29.6756, -23.2186, 19.0037



29.6756, -15.7585, -64.2604

Complementary

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



29.6747, 52.4398, 6.6094



53.6955, -40.5467, 20.4158

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.



29.6756, -27.9527, -34.8709



29.6747, 52.4398, 6.6094



29.6756, -31.3120, 13.0371

Square

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



29.6756, 52.4364, 6.6102



29.6756, -7.1535, 20.7441



29.6756, -32.7510, -4.4343



29.6756, 4.4270, -71.3128

Rectangle

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



29.6747, 52.4398, 6.6094



29.6756, 24.1322, 19.5098



29.6756, -32.7510, -4.4343



29.6756, -20.7341, -55.9947

Sweetspot

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



29.6756, 52.4364, 6.6102



64.3721, 23.8654, -0.7242



22.6369, 51.2486, -82.1831



28.9627, 12.9290, -0.5282



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



29.6756, 52.4364, 6.6102



39.9222, 70.4499, 9.6579



29.1680, 48.3399, 18.8179



27.5580, 1.3983, 0.9300



25.8063, 45.6396, 5.4697



4.1518, 7.5779, -0.9434

Inverse Universe

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



29.6756, 52.4364, 6.6102



39.9222, 70.4499, 9.6579



52.7549, -26.1048, -9.5844



27.5580, 1.3983, 0.9300



25.8063, 45.6396, 5.4697



4.1518, 7.5779, -0.9434

Previews

White Background



This preview shows how the HunterLab color 29.6747, 52.4398, 6.6094 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 29.6747, 52.4398, 6.6094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

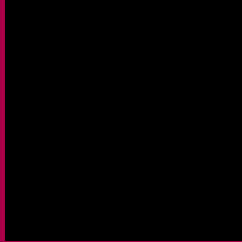
Any Text WCAG AA × Fail

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 29.6747, 52.4398, 6.6094 Background



This preview shows how black text looks on a background with the HunterLab color 29.6747, 52.4398, 6.6094.



This preview shows how white text looks on a background with the HunterLab color 29.6747, 52.4398,

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

29.6747, 52.4398, 6.6094

Protanopia

30.8059, 0.6086, -7.2506

Deuteranopia

30.6670, 1.9550, 8.9661



Tritanopia

30.1157, 44.3535, 17.1708

Trichromacy



Original Color

29.6747, 52.4398, 6.6094

Protanomaly

26.5542, 22.0730, -6.8956

Deuteranomaly

27.2241, 24.1633, 4.9366

Tritanomaly

29.7152, 47.7586, 14.3920

Monochromacy



Original Color

29.6747, 52.4398, 6.6094

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9977, 20.7552, -0.3940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6747, 52.4398, 6.6094 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(168, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 73)  
}
```

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(168, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6747, 52.4398, 6.6094 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(168, 0, 73) }
```


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

```
.border{ border-color:rgb(168, 0, 73) }
```

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

Here you see how a box with a 4 pixel rgb(168, 0, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6747, 52.4398, 6.6094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 73) }
```

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

```
.background{ background-color: rgb(168, 0,  
73) }
```

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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