

Converting Colors

HunterLab(28.6279, 49.4297,
15.3699)

Have a look what the booklet for
HunterLab(28.6279, 49.4297,
15.3699) contains.

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Color

**HunterLab(28.6749, 49.5094,
15.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	A60022
RGB	166, 0, 34
RGB Percent	65%, 0%, 13%
CMY	0.3490, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.80, 0.35
HSL	348°, 100%, 33%
HSV	348°, 100%, 65%
XYZ	16.0146, 8.2225, 2.2564
YIQ	53.5100, 88.0220, 45.7660

Conversions

Conversions Part 2

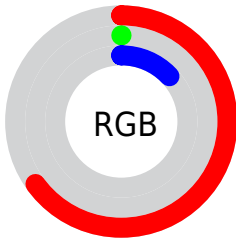
Format	Color
RYB	166, 0, 34
Decimal	10879010
CIELab	34.44, 58.74, 32.03
CIELCh	34, 66.903, 28.609
Yxy	8.2230, 0.6045, 0.3104
Android (android.graphics.Color)	4289069090 (0xFFA60022)
YUV	53.5100, -9.6184, 98.6537
Hunter-Lab	28.6749, 49.5094, 15.4069

Details

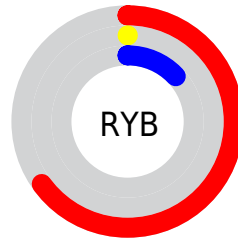
The HunterLab color **28.6749, 49.5094, 15.4069** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **53.7951, -35.0681, 8.4645**, and the grayscale version is **19.0562, -1.0168, 1.0354**.

A 20% lighter version of the original color is **47.4661, 53.7378, 20.9494**, and **17.3299, 29.6780, 11.1982** is the 20% darker color. If you saturate the color by 10%, you get **28.6746, 49.5084, 15.4099**, and if you desaturate by 10%, it is **29.5013, 47.8305, 13.5679**.

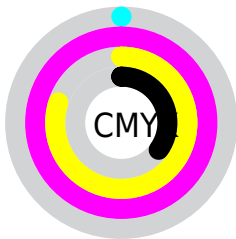
Distribution



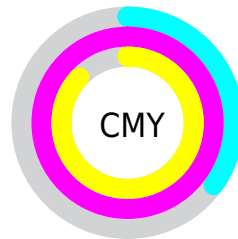
- Red (65%)
- Green (0%)
- Blue (13%)



- Red (65%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6749, 49.5094, 15.4069 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 28.6749, 49.5094, 15.4069 by changing the saturation by 10% instead.

■ 28.6749, 49.5094,
15.4069

■ 28.6749, 49.5094,
15.4069

■ 133.2182, 65.2625,
37.0680

■ 20.5864, 47.4350,
12.3751

■ 47.3228, 53.6591,
20.9342

■ 13.4446, 45.6672,
9.4112

■ 57.7492, 55.6159,
23.4689

■ 7.0134, 49.0149,
4.9094

■ 68.8456, 57.4707,
25.8970

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.5737, 59.2219,
28.2414

0.0000, NaN, NaN

■ 92.9011, 60.8722,
30.5190


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 105.8001, 62.4259,

32.7429

0.0000, NaN, NaN


 119.2462, 63.8876,
34.9233


 28.6749, 49.5094,
15.4069


 28.6749, 49.5094,
15.4069


 28.6746, 49.5084,
15.4099

 29.5013, 47.8305,
13.5679

 30.8834, 44.8022,
11.4994

 32.9583, 40.2530,
9.4835

 35.6909, 34.6232,
7.6879

 39.0100, 28.3806,
6.2061

■ 42.8332, 21.8899,
5.0647

■ 47.0820, 15.3834,
4.2471

■ 51.6882, 8.9863,
3.7171

■ 56.5959, 2.7526,
3.4328

Harmonies

Analogous

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



28.6758, 58.5928, 0.5039



28.6749, 49.5094, 15.4069



28.6758, 25.8112, 19.7443

Triad

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



28.6758, 49.5057, 15.4075



28.6758, -30.6804, 16.0883



28.6758, -2.6141, -82.4134

Complementary

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



28.6749, 49.5094, 15.4069



53.7951, -35.0681, 8.4645

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.



28.6758, -21.3756, -64.0975



28.6749, 49.5094, 15.4069



28.6758, -34.0340, 2.5791

Square

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



28.6758, 49.5057, 15.4075



28.6758, -20.0230, 19.9792



28.6758, -31.2673, -27.3554



28.6758, 23.2965, -66.9770

Rectangle

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



28.6749, 49.5094, 15.4069



28.6758, 7.8888, 20.0731



28.6758, -31.2673, -27.3554



28.6758, -9.8738, -79.8408

Sweetspot

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



28.6758, 49.5057, 15.4075



63.0862, 21.2242, 5.7739



27.3909, 56.9534, -60.2147



28.7205, 11.7186, 2.9236



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.



28.6758, 49.5057, 15.4075



38.5980, 66.5786, 21.2333



31.8500, 38.1056, 20.2915



27.5073, 1.1256, 1.6527



25.2621, 43.6387, 13.4042



4.0262, 7.1223, 0.8398

Inverse Universe

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



28.6758, 49.5057, 15.4075



38.5980, 66.5786, 21.2333



39.9259, -9.6178, -29.1394



27.5073, 1.1256, 1.6527



25.2621, 43.6387, 13.4042



4.0262, 7.1223, 0.8398

Previews

White Background



This preview shows how the HunterLab color 28.6749, 49.5094, 15.4069 looks on a white background.

Color Contrast Check

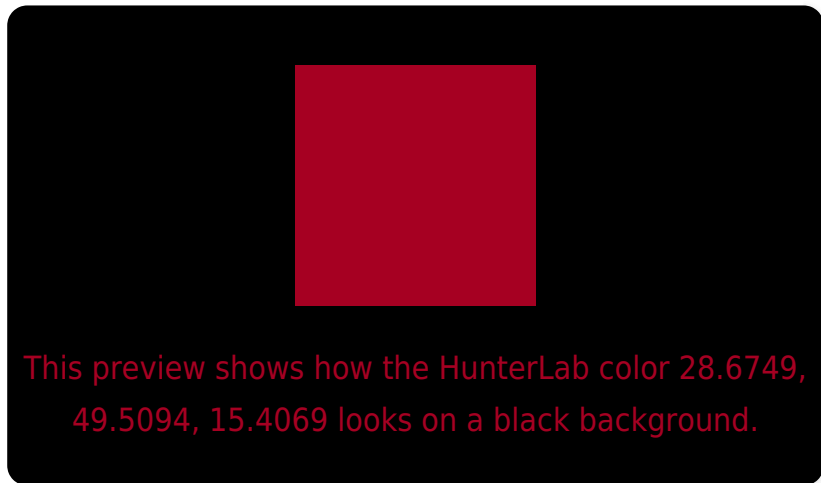
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6749, 49.5094, 15.4069 Background



This preview shows how black text looks on a background with the HunterLab color 28.6749, 49.5094, 15.4069.



This preview shows how white text looks on a background with the HunterLab color 28.6749, 49.5094,

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

28.6749, 49.5094, 15.4069

Protanopia

29.7723, -2.9156, 11.8247

Deuteranopia

29.7648, 1.6290, 16.8574



Tritanopia

29.0665, 46.7565, 18.7292

Trichromacy



Original Color

28.6749, 49.5094, 15.4069

Protanomaly

25.8023, 19.5602, 10.5370

Deuteranomaly

26.5168, 22.7447, 14.5526

Tritanomaly

28.8974, 47.6489, 17.9270

Monochromacy



Original Color

28.6749, 49.5094, 15.4069

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4478, 19.2416, 4.1217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6749, 49.5094, 15.4069 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(166, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 34)  
}
```

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(166, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6749, 49.5094, 15.4069 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(166, 0, 34) }
```


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

```
.border{ border-color:rgb(166, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(166, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6749, 49.5094, 15.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 34) }
```

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

```
.background{ background-color: rgb(166, 0,  
34) }
```

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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