

Converting Colors

HunterLab(28.7228, 49.3087,
17.6292)

Have a look what the booklet for
HunterLab(28.7228, 49.3087,
17.6292) contains.

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Color

**HunterLab(28.7228, 49.3087,
17.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	A7000F
RGB	167, 0, 15
RGB Percent	65%, 0%, 6%
CMY	0.3451, 0.9999, 0.9412
CMYK	0.00, 1.00, 0.91, 0.35
HSL	355°, 100%, 33%
HSV	355°, 100%, 65%
XYZ	16.0226, 8.2500, 1.1999
YIQ	51.6430, 94.7170, 40.0690

Conversions

Conversions Part 2

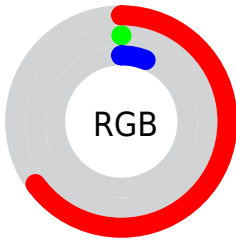
Format	Color
R_{YB}	167, 0, 15
Decimal	10944527
CIE _{Lab}	34.50, 58.54, 42.56
CIE _{LCh}	34, 72.375, 36.019
Yxy	8.2505, 0.6290, 0.3239
Android (android.graphics.Color)	4289134607 (0xFFA7000F)
YUV	51.6430, -18.0650, 101.1681
Hunter-Lab	28.7228, 49.3087, 17.6292

Details

The HunterLab color **28.7228, 49.3087, 17.6292** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **54.6857, -32.0870, 0.9160**, and the grayscale version is **18.4523, -0.9846, 1.0025**.

A 20% lighter version of the original color is **47.2421, 53.4746, 24.6813**, and **17.3299, 29.6780, 11.1982** is the 20% darker color. If you saturate the color by 10%, you get **28.7226, 49.3081, 17.6309**, and if you desaturate by 10%, it is **29.5004, 47.4221, 16.5122**.

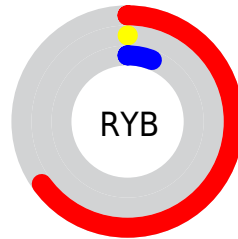
Distribution



Red (65%)

Green (0%)

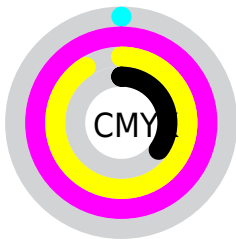
Blue (6%)



Red (65%)

Yellow (0%)

Blue (6%)

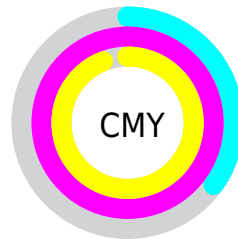


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (35%)



Cyan (35%)


Magenta (100%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 28.7228, 49.3087, 17.6292 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 28.7228, 49.3087, 17.6292 by changing the saturation by 10% instead.


 28.7228, 49.3087,
17.6292


 28.7228, 49.3087,
17.6292


 133.2982, 65.0051,
45.1106


 20.6293, 47.2353,
14.4405

 47.3795, 53.4485,
24.7714

 13.4818, 45.4608,
9.4372


 57.8097, 55.3989,
28.0273

 7.0576, 48.6105,
4.9403


 68.9098, 57.2470,
31.1269

0.0000, INF, NaN

0.0000, NaN, NaN

 80.6413, 58.9915,
34.0996

0.0000, NaN, NaN

 92.9720, 60.6350,
36.9682


0.0000, NaN, NaN


 105.8741, 62.1818,


0.0000, NaN, NaN


39.7506


0.0000, NaN, NaN


 119.3233, 63.6369,
42.4609


 28.7228, 49.3087,
17.6292


 28.7228, 49.3087,
17.6292


 28.7226, 49.3081,
17.6309

 29.5004, 47.4221,
16.5122

 30.8539, 44.2032,
14.9362

 32.9246, 39.5029,
13.1287

 35.6769, 33.7829,
11.2699

 39.0365, 27.5234,
9.4990

■ 42.9168, 21.0896,
7.8955

■ 47.2354, 14.7061,
6.4893

■ 51.9211, 8.4868,
5.2793

■ 56.9156, 2.4748,
4.2489

Harmonies

Analogous

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



28.7237, 64.5558, 6.0019



28.7228, 49.3087, 17.6292



28.7237, 21.0132, 20.1066

Triad

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



28.7237, 49.3050, 17.6297



28.7237, -33.8220, 14.7233



28.7237, 3.7427, -92.9151

Complementary

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



28.7228, 49.3087, 17.6292



54.6857, -32.0870, 0.9160

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.



28.7237, -18.7416, -80.8995



28.7228, 49.3087, 17.6292



28.7237, -35.6534, -3.7201

Square

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



28.7237, 49.3050, 17.6297



28.7237, -24.8947, 19.9706



28.7237, -31.2257, -41.0871



28.7237, 33.0049, -66.6201

Rectangle

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



28.7228, 49.3087, 17.6292



28.7237, 1.9193, 20.1066



28.7237, -31.2257, -41.0871



28.7237, -4.8318, -93.3940

Sweetspot

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



28.7237, 49.3050, 17.6297



62.8761, 20.1538, 8.7827



30.5014, 61.3763, -51.1957



28.6104, 11.1650, 4.5032



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.



28.7237, 49.3050, 17.6297



38.4213, 65.9239, 23.8480



34.9400, 30.4687, 22.0619



27.4824, 0.9917, 2.0076



25.1323, 43.1581, 15.3226



3.9618, 6.8860, 1.7757

Inverse Universe

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



28.7237, 49.3050, 17.6297



38.4213, 65.9239, 23.8480



34.5616, -0.8162, -41.4342



27.4824, 0.9917, 2.0076



25.1323, 43.1581, 15.3226



3.9618, 6.8860, 1.7757

Previews

White Background



This preview shows how the HunterLab color 28.7228, 49.3087, 17.6292 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 28.7228, 49.3087, 17.6292 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 28.7228, 49.3087, 17.6292 Background



This preview shows how black text looks on a background with the HunterLab color 28.7228, 49.3087, 17.6292.



This preview shows how white text looks on a background with the HunterLab color 28.7228, 49.3087,

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

28.7228, 49.3087, 17.6292

Protanopia

29.6885, -3.7306, 15.7756

Deuteranopia

29.6673, 1.1047, 18.3002

Trichromacy



Original Color

28.7228, 49.3087, 17.6292

Protanomaly

25.8483, 19.2212, 14.1545

Deuteranomaly

26.3966, 22.1945, 16.3315

Monochromacy



Original Color

28.7228, 49.3087, 17.6292

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0102, 18.6211, 6.0535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7228, 49.3087, 17.6292 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(167, 0, 15)` looks like.

```
.text, #text, p{  
  color:rgb(167, 0, 15)  
}
```

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(167, 0, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7228, 49.3087, 17.6292 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(167, 0, 15) }
```

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

```
.border{ border-color:rgb(167, 0, 15) }
```

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

Here you see how a box with a 4 pixel rgb(167, 0, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 15);  
box-shadow:4px 4px 4px 4px rgb(167, 0, 15)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 28.7228, 49.3087, 17.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 15) }
```

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

```
.background{ background-color: rgb(167, 0,  
15) }
```

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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