

Converting Colors

HunterLab(28.8463, 50.2359,
12.1612)

Have a look what the booklet for
HunterLab(28.8463, 50.2359,
12.1612) contains.

HunterLab(28.8895, 50.3014, 12.2544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.8895, 50.3014,
12.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	A60033
RGB	166, 0, 51
RGB Percent	65%, 0%, 20%
CMY	0.3490, 0.9999, 0.8000
CMYK	0.00, 1.00, 0.69, 0.35
HSL	342°, 100%, 33%
HSV	342°, 100%, 65%
XYZ	16.3235, 8.3460, 3.8826
YIQ	55.4480, 82.5650, 51.0530

Conversions

Conversions Part 2

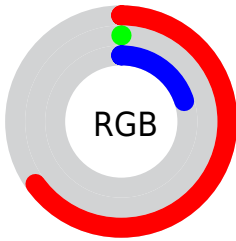
Format	Color
R_{YB}	166, 0, 51
Decimal	10879027
CIE _{Lab}	34.69, 59.42, 21.57
CIE _{LCh}	35, 63.212, 19.957
Yxy	8.3466, 0.5717, 0.2923
Android (android.graphics.Color)	4289069107 (0xFFA60033)
YUV	55.4480, -2.1929, 96.9541
Hunter-Lab	28.8895, 50.3014, 12.2544

Details

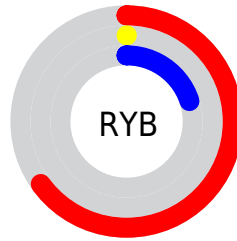
The HunterLab color **28.8895, 50.3014, 12.2544** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **53.3956, -37.5060, 14.2266**, and the grayscale version is **19.6907, -1.0506, 1.0698**.

A 20% lighter version of the original color is **47.6076, 54.6890, 16.2085**, and **17.5485, 30.1398, 10.6618** is the 20% darker color. If you saturate the color by 10%, you get **28.8891, 50.3003, 12.2584**, and if you desaturate by 10%, it is **29.7485, 48.7686, 9.9568**.

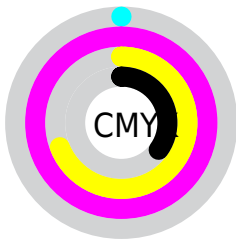
Distribution



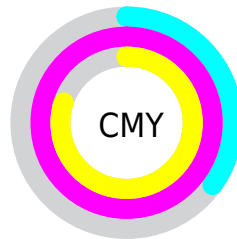
- Red (65%)
- Green (0%)
- Blue (20%)



- Red (65%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8895, 50.3014, 12.2544 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 28.8895, 50.3014, 12.2544 by changing the saturation by 10% instead.

■ 28.8895, 50.3014,
12.2544

■ 28.8895, 50.3014,
12.2544

■ 133.5760, 66.2147,
28.2935

■ 20.7786, 48.2183,
10.0902

■ 47.5763, 54.4803,
16.1826

■ 13.6114, 46.4488,
8.3827

■ 58.0201, 56.4545,
18.0206

■ 7.2091, 49.1836,
5.0463

■ 69.1328, 58.3276,
19.8045

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.8763, 60.0977,
21.5484

0.0000, NaN, NaN

■ 93.2184, 61.7671,
23.2624

0.0000, NaN, NaN

■ 106.1314, 63.3399,

0.0000, NaN, NaN

24.9543

0.0000, NaN, NaN

119.5911, 64.8208,
26.6298

28.8895, 50.3014,
12.2544

28.8895, 50.3014,
12.2544

28.8891, 50.3003,
12.2584

29.7485, 48.7686,
9.9568

31.1476, 45.8497,
7.6623

33.2224, 41.3603,
5.6692

35.9397, 35.7286,
4.1114

39.2315, 29.4185,
3.0328

■ 43.0188, 22.7998,
2.4120

■ 47.2257, 16.1152,
2.1948

■ 51.7862, 9.5007,
2.3181

■ 56.6457, 3.0204,
2.7222

Harmonies

Analogous

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



28.8904, 53.4070, -6.4118



28.8895, 50.3014, 12.2544



28.8904, 31.2339, 18.5839

Triad

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



28.8904, 50.2978, 12.2550



28.8904, -27.4286, 17.3719



28.8904, -8.5935, -73.3825

Complementary

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



28.8895, 50.3014, 12.2544



53.3956, -37.5060, 14.2266

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.



28.8904, -24.1330, -49.7224



28.8895, 50.3014, 12.2544



28.8904, -32.6307, 7.7768

Square

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



28.8904, 50.2978, 12.2550



28.8904, -14.6753, 20.1656



28.8904, -31.6400, -15.9280



28.8904, 14.4561, -68.1769

Rectangle

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



28.8895, 50.3014, 12.2544



28.8904, 14.5293, 20.1609



28.8904, -31.6400, -15.9280



28.8904, -14.7244, -68.1178

Sweetspot

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



28.8904, 50.2978, 12.2550



63.2832, 22.2253, 2.9604



25.0875, 53.9310, -68.8571



28.8249, 12.2410, 1.4334



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.



28.8904, 50.2978, 12.2550



38.8761, 67.6056, 17.1434



30.0978, 43.4166, 19.3047



27.5297, 1.2463, 1.3328



25.4545, 44.3488, 10.5787



4.0827, 7.3280, 0.0313

Inverse Universe

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



28.8904, 50.2978, 12.2550



38.8761, 67.6056, 17.1434



44.9901, -16.7315, -20.1130



27.5297, 1.2463, 1.3328



25.4545, 44.3488, 10.5787



4.0827, 7.3280, 0.0313

Previews

White Background



This preview shows how the HunterLab color 28.8895, 50.3014, 12.2544 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 28.8895, 50.3014, 12.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

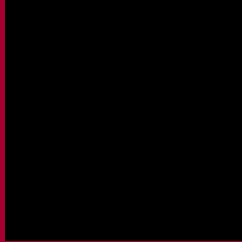
Any Text WCAG AA × Fail

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 28.8895, 50.3014, 12.2544 Background



This preview shows how black text looks on a background with the HunterLab color 28.8895, 50.3014, 12.2544.



This preview shows how white text looks on a background with the HunterLab color 28.8895, 50.3014,

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

28.8895, 50.3014, 12.2544

Protanopia

29.8951, -1.5679, 4.8332

Deuteranopia

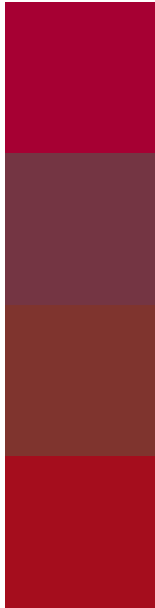
30.0039, 1.5562, 13.9992



Tritanopia

29.2850, 45.5829, 17.7696

Trichromacy



Original Color

28.8895, 50.3014, 12.2544

Protanomaly

25.8156, 20.4314, 4.0694

Deuteranomaly

26.7680, 22.9977, 11.1718

Tritanomaly

28.9411, 47.3129, 16.2803

Monochromacy



Original Color

28.8895, 50.3014, 12.2544

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.7517, 19.5329, 2.0366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8895, 50.3014, 12.2544 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8895, 50.3014, 12.2544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

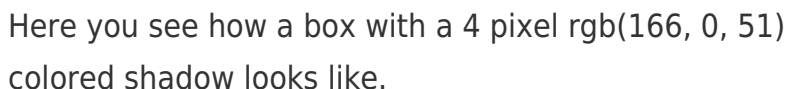
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 0, 51) }
```


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

```
.border{ border-color:rgb(166, 0, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 0, 51); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 0, 51); box-shadow:4px 4px 4px 4px rgb(166, 0, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8895, 50.3014, 12.2544 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, 51) }
```

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

```
.background{ background-color: rgb(166, 0,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor