

Converting Colors

HunterLab(29.0929, 50.1874,
15.9701)

Have a look what the booklet for
HunterLab(29.0929, 50.1874,
15.9701) contains.

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Color

**HunterLab(29.0329, 50.0790,
15.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	A80020
RGB	168, 0, 32
RGB Percent	66%, 0%, 13%
CMY	0.3412, 0.9999, 0.8745
CMYK	0.00, 1.00, 0.81, 0.34
HSL	349°, 100%, 33%
HSV	349°, 100%, 66%
XYZ	16.4091, 8.4291, 2.1286
YIQ	53.8800, 89.8560, 45.5680

Conversions

Conversions Part 2

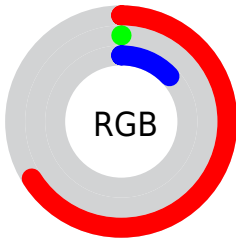
Format	Color
RYB	168, 0, 32
Decimal	11010080
CIELab	34.86, 59.18, 33.81
CIELCh	35, 68.158, 29.744
Yxy	8.4296, 0.6085, 0.3126
Android (android.graphics.Color)	4289200160 (0xFFA80020)
YUV	53.8800, -10.7868, 100.0832
Hunter-Lab	29.0329, 50.0790, 15.9761

Details

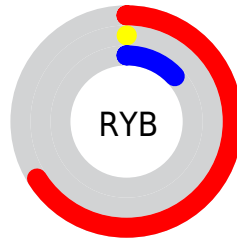
The HunterLab color **29.0329, 50.0790, 15.9761** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **54.5743, -35.1636, 7.6968**, and the grayscale version is **19.1849, -1.0237, 1.0424**.

A 20% lighter version of the original color is **47.7834, 54.4040, 21.6844**, and **17.6799, 30.2774, 11.4243** is the 20% darker color. If you saturate the color by 10%, you get **29.0326, 50.0780, 15.9790**, and if you desaturate by 10%, it is **29.8571, 48.3765, 14.1932**.

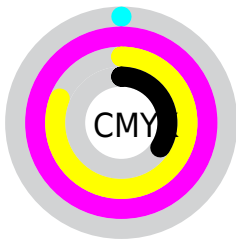
Distribution



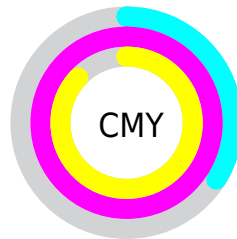
- Red (66%)
- Green (0%)
- Blue (13%)



- Red (66%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0329, 50.0790, 15.9761 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 29.0329, 50.0790, 15.9761 by changing the saturation by 10% instead.

■ 29.0329, 50.0790,
15.9761

■ 29.0329, 50.0790,
15.9761

■ 133.8148, 65.9166,
38.5765

■ 20.9071, 47.9957,
12.8405

■ 47.7457, 54.2450,
21.7619

■ 13.7231, 46.2122,
9.6061

■ 58.2010, 56.2106,
24.4123

■ 7.3366, 48.4825,
5.1356

■ 69.3246, 58.0747,
26.9485

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.0784, 59.8356,
29.3943

0.0000, NaN, NaN

■ 93.4303, 61.4959,
31.7678

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.3526, 63.0596,


34.0825


0.0000, NaN, NaN


 119.8212, 64.5316,
36.3492


 29.0329, 50.0790,
15.9761


 29.0329, 50.0790,
15.9761


 29.0326, 50.0780,
15.9790

 29.8571, 48.3765,
14.1932

 31.2498, 45.2990,
12.1459

 33.3483, 40.6817,
10.1144

 36.1173, 34.9732,
8.2728

 39.4840, 28.6497,
6.7230

■ 43.3643, 22.0821,
5.4990

■ 47.6778, 15.5056,
4.5900

■ 52.3553, 9.0462,
3.9632

■ 57.3394, 2.7574,
3.5791

Harmonies

Analogous

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



29.0338, 60.1543, 1.3843



29.0329, 50.0790, 15.9761



29.0338, 25.4137, 20.1476

Triad

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



29.0338, 50.0753, 15.9767



29.0338, -31.5319, 16.1032



29.0338, -1.7558, -84.8904

Complementary

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



29.0329, 50.0790, 15.9761



54.5743, -35.1636, 7.6968

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.



29.0338, -21.2627, -67.1859



29.0329, 50.0790, 15.9761



29.0338, -34.6899, 1.7751

Square

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



29.0338, 50.0753, 15.9767



29.0338, -21.0089, 20.1911



29.0338, -31.6416, -29.5375



29.0338, 24.9388, -67.7329

Rectangle

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



29.0329, 50.0790, 15.9761



29.0338, 7.0905, 20.3237



29.0338, -31.6416, -29.5375



29.0338, -9.2863, -82.7015

Sweetspot

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



29.0338, 50.0753, 15.9767



63.8833, 21.3865, 6.2419



28.1592, 58.2576, -59.6290



28.7064, 11.6476, 3.1261



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.



29.0338, 50.0753, 15.9767



39.0794, 67.3477, 21.9727



32.6221, 37.6113, 20.7586



27.5041, 1.1088, 1.6972



25.2411, 43.5613, 13.7130



4.0182, 7.0931, 0.9549

Inverse Universe

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



29.0338, 50.0753, 15.9767



39.0794, 67.3477, 21.9727



39.6131, -8.4885, -31.1862



27.5041, 1.1088, 1.6972



25.2411, 43.5613, 13.7130



4.0182, 7.0931, 0.9549

Previews

White Background



This preview shows how the HunterLab color 29.0329, 50.0790, 15.9761 looks on a white background.

Color Contrast Check

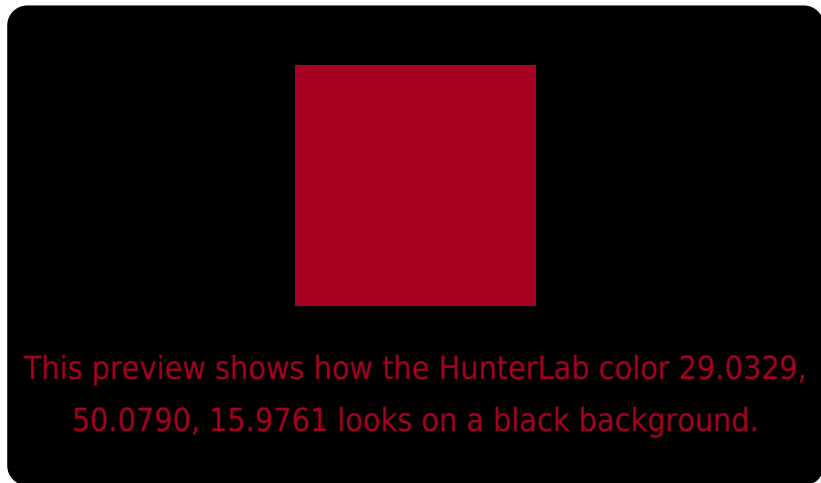
Large Text (above 18pt) WCAG AA ✓ Pass

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

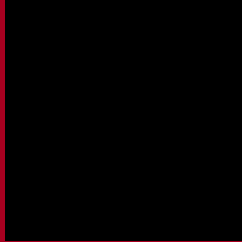
Any Text WCAG AA × Fail

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 29.0329, 50.0790, 15.9761 Background



This preview shows how black text looks on a background with the HunterLab color 29.0329, 50.0790, 15.9761.



This preview shows how white text looks on a background with the HunterLab color 29.0329, 50.0790,

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

29.0329, 50.0790, 15.9761

Protanopia

30.0906, -3.1943, 12.5399

Deuteranopia

30.0904, 1.4131, 17.4387



Tritanopia

29.2526, 47.0943, 18.8498

Trichromacy



Original Color

29.0329, 50.0790, 15.9761

Protanomaly

26.0880, 19.3537, 11.2199

Deuteranomaly

26.8048, 22.5870, 15.1194

Tritanomaly

29.0846, 47.9812, 18.0527

Monochromacy



Original Color

29.0329, 50.0790, 15.9761

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4273, 19.1506, 4.4179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0329, 50.0790, 15.9761 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, 32)` looks like.

```
.text, #text, p{  
  color:rgb(168, 0, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0329, 50.0790, 15.9761 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, 32) }
```


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

```
.border{ border-color:rgb(168, 0, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0329, 50.0790, 15.9761 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, 32) }
```

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

```
.background{ background-color: rgb(168, 0,  
32) }
```

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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