

Converting Colors

HunterLab(29.5935, 51.0740,
16.0668)

Have a look what the booklet for
HunterLab(29.5935, 51.0740,
16.0668) contains.

HunterLab(29.6200, 51.1150, 16.1172)	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(29.6200, 51.1150,
16.1172)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0022
RGB	171, 0, 34
RGB Percent	67%, 0%, 13%
CMY	0.3294, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.80, 0.33
HSL	348°, 100%, 34%
HSV	348°, 100%, 67%
XYZ	17.0834, 8.7734, 2.3065
YIQ	55.0050, 91.0020, 46.8260

Conversions

Conversions Part 2

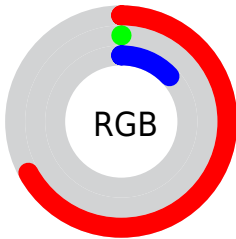
Format	Color
R_{YB}	171, 0, 34
Decimal	11206690
CIE Lab	35.55, 59.99, 33.53
CIE LCh	36, 68.730, 29.202
Yxy	8.7740, 0.6066, 0.3115
Android (android.graphics.Color)	4289396770 (0xFFAB0022)
YUV	55.0050, -10.3555, 101.7276
Hunter-Lab	29.6200, 51.1150, 16.1172

Details

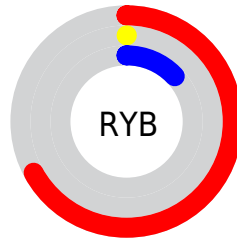
The HunterLab color **29.6200, 51.1150, 16.1172** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **55.6172, -36.0924, 8.3983**, and the grayscale version is **19.5653, -1.0440, 1.0630**.

A 20% lighter version of the original color is **48.4827, 55.3089, 21.7970**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.6197, 51.1140, 16.1204**, and if you desaturate by 10%, it is **30.4528, 49.4269, 14.2483**.

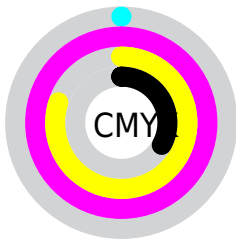
Distribution



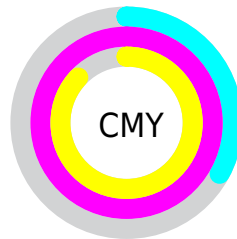
- Red (67%)
- Green (0%)
- Blue (13%)



- Red (67%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6200, 51.1150, 16.1172 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 29.6200, 51.1150, 16.1172 by changing the saturation by 10% instead.

■ 29.6200, 51.1150,
16.1172

■ 29.6200, 51.1150,
16.1172

134.7898, 67.1144,
38.5030

■ 21.4338, 49.0165,
12.9708

■ 48.4380, 55.3117,
21.8337

■ 14.1814, 47.2096,
9.9270

■ 58.9404, 57.2944,
24.4563

■ 7.8353, 48.1641,
5.4847

■ 70.1081, 59.1764,
26.9679

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.9038, 60.9560,
29.3917

0.0000, NaN, NaN

■ 94.2955, 62.6352,
31.7452


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 107.2559, 64.2183,


34.0416


0.0000, NaN, NaN


 120.7611, 65.7098,
36.2914

 29.6200, 51.1150,
16.1172


 29.6200, 51.1150,
16.1172


 29.6197, 51.1140,
16.1204

 30.4528, 49.4269,
14.2483

 31.8691, 46.3157,
12.1280

 34.0057, 41.6220,
10.0432

 36.8270, 35.8023,
8.1708

 40.2591, 29.3444,
6.6121

■ 44.2161, 22.6292,
5.3984

■ 48.6160, 15.8994,
4.5153

■ 53.3877, 9.2852,
3.9268

■ 58.4729, 2.8425,
3.5908

Harmonies

Analogous

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



29.6209, 60.9632, 0.9876



29.6200, 51.1150, 16.1172



29.6209, 26.2794, 20.4201

Triad

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



29.6209, 51.1112, 16.1178



29.6209, -31.9409, 16.5206



29.6209, -2.2291, -85.8951

Complementary

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



29.6200, 51.1150, 16.1172



55.6172, -36.0924, 8.3983

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.



29.6209, -21.8790, -67.4180



29.6200, 51.1150, 16.1172



29.6209, -35.2784, 2.2238

Square

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



29.6209, 51.1112, 16.1178



29.6209, -21.0747, 20.5541



29.6209, -32.2892, -29.2272



29.6209, 24.7789, -69.1412

Rectangle

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



29.6200, 51.1150, 16.1172



29.6209, 7.6718, 20.7347



29.6209, -32.2892, -29.2272



29.6209, -9.8232, -83.4572

Sweetspot

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



29.6209, 51.1112, 16.1178



64.7252, 21.7678, 6.0966



28.7103, 59.4025, -60.8332



29.4016, 12.0166, 3.0879



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.6209, 51.1112, 16.1178



39.6086, 68.2915, 22.0232



33.2471, 38.4176, 21.1578



28.3556, 1.1655, 1.7239



25.7294, 44.4245, 13.8179



4.3768, 7.7237, 1.0583

Inverse Universe

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



29.6209, 51.1112, 16.1178



39.6086, 68.2915, 22.0232



40.3774, -8.6259, -31.8448



28.3556, 1.1655, 1.7239



25.7294, 44.4245, 13.8179



4.3768, 7.7237, 1.0583

Previews

White Background



This preview shows how the HunterLab color 29.6200, 51.1150, 16.1172 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 29.6200, 51.1150, 16.1172 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 29.6200, 51.1150, 16.1172 Background



This preview shows how black text looks on a background with the HunterLab color 29.6200, 51.1150, 16.1172.



This preview shows how white text looks on a background with the HunterLab color 29.6200, 51.1150,

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

29.6200, 51.1150, 16.1172

Protanopia

30.8323, -3.1831, 12.4661

Deuteranopia

30.5613, 1.7669, 17.4863



Tritanopia

29.9993, 48.4478, 19.3336

Trichromacy



Original Color

29.6200, 51.1150, 16.1172

Protanomaly

26.7219, 20.2210, 11.0849

Deuteranomaly

27.2692, 23.8260, 15.0954

Tritanomaly

29.8355, 49.3132, 18.5566

Monochromacy



Original Color

29.6200, 51.1150, 16.1172

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.8713, 19.5163, 4.5621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6200, 51.1150, 16.1172 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(171, 0, 34)` looks like.

```
.text, #text, p{  
  color:rgb(171, 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(171, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6200, 51.1150, 16.1172 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(171, 0, 34) }
```


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

```
.border{ border-color:rgb(171, 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(171, 0, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6200, 51.1150, 16.1172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 34) }
```

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

```
.background{ background-color: rgb(171, 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](#).

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