

Converting Colors

HunterLab(29.6483, 51.7367,
11.6917)

Have a look what the booklet for
HunterLab(29.6483, 51.7367,
11.6917) contains.

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Color

**HunterLab(29.7180, 51.8537,
11.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0038
RGB	170, 0, 56
RGB Percent	67%, 0%, 22%
CMY	0.3333, 0.9999, 0.7804
CMYK	0.00, 1.00, 0.67, 0.33
HSL	340°, 100%, 33%
HSV	340°, 100%, 67%
XYZ	17.2914, 8.8316, 4.5347
YIQ	57.2140, 83.3440, 53.4560

Conversions

Conversions Part 2

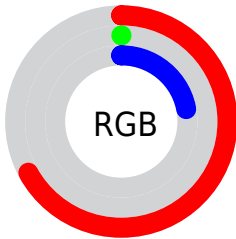
Format	Color
R_{YB}	170, 0, 56
Decimal	11141176
CIE _{Lab}	35.66, 60.65, 19.74
CIE _{LCh}	36, 63.778, 18.031
Yxy	8.8321, 0.5640, 0.2881
Android (android.graphics.Color)	4289331256 (0xFFAA0038)
YUV	57.2140, -0.5985, 98.9133
Hunter-Lab	29.7180, 51.8537, 11.7555

Details

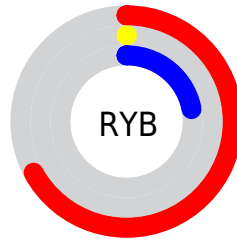
The HunterLab color **29.7180, 51.8537, 11.7555** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **54.7403, -39.0117, 15.7962**, and the grayscale version is **20.2878, -1.0825, 1.1023**.

A 20% lighter version of the original color is **48.5427, 56.2591, 15.5432**, and **18.2940, 31.5023, 10.4777** is the 20% darker color. If you saturate the color by 10%, you get **29.7176, 51.8525, 11.7599**, and if you desaturate by 10%, it is **30.5906, 50.3526, 9.3162**.

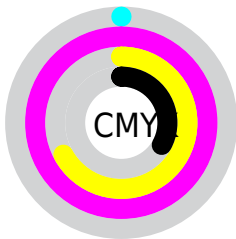
Distribution



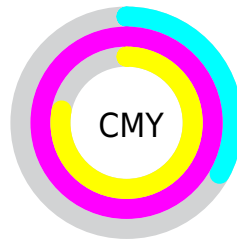
- Red (67%)
- Green (0%)
- Blue (22%)



- Red (67%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7180, 51.8537, 11.7555 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 29.7180, 51.8537, 11.7555 by changing the saturation by 10% instead.

■ 29.7180, 51.8537,
11.7555

■ 29.7180, 51.8537,
11.7555

■ 134.9521, 68.0144,
26.8096

■ 21.5218, 49.7485,
9.7673

■ 48.5534, 56.0792,
15.3951

■ 14.2581, 47.9467,
7.8708

■ 59.0636, 58.0796,
17.1103

■ 7.9152, 48.7819,
5.5406

■ 70.2387, 59.9803,
18.7819

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.0413, 61.7789,
20.4217

0.0000, NaN, NaN

■ 94.4396, 63.4775,
22.0385

0.0000, NaN, NaN

■ 107.4063, 65.0799,

0.0000, NaN, NaN

23.6390

0.0000, NaN, NaN

120.9175, 66.5907,
25.2281

29.7180, 51.8537,
11.7555

29.7180, 51.8537,
11.7555

29.7176, 51.8525,
11.7599

30.5906, 50.3526,
9.3162

32.0208, 47.3955,
6.9334

34.1435, 42.8041,
4.9117

36.9258, 37.0158,
3.3814

40.2987, 30.5096,
2.3767

■ 44.1813, 23.6699,
1.8656

■ 48.4959, 16.7506,
1.7844

■ 53.1747, 9.8956,
2.0623

■ 58.1613, 3.1731,
2.6345

Harmonies

Analogous

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



29.7189, 53.7817, -8.2616



29.7180, 51.8537, 11.7555



29.7189, 33.2898, 18.8417

Triad

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



29.7189, 51.8501, 11.7562



29.7189, -27.4271, 18.0878



29.7189, -10.0492, -73.5389

Complementary

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



29.7180, 51.8537, 11.7555



54.7403, -39.0117, 15.7962

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.



29.7189, -25.3652, -48.2354



29.7180, 51.8537, 11.7555



29.7189, -33.2044, 8.9585

Square

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



29.7189, 51.8501, 11.7562



29.7189, -13.8441, 20.6868



29.7189, -32.5833, -14.1759



29.7189, 13.0474, -70.3143

Rectangle

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



29.7180, 51.8537, 11.7555



29.7189, 16.4199, 20.4777



29.7189, -32.5833, -14.1759



29.7189, -16.1210, -67.6047

Sweetspot

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



29.7189, 51.8501, 11.7562



64.9844, 23.0844, 2.3960



25.3699, 54.8801, -72.2833



29.5388, 12.7035, 1.1280



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.



29.7189, 51.8501, 11.7562



39.9846, 69.6798, 16.4970



30.6490, 45.3808, 19.6787



27.5346, 1.2726, 1.2630



25.5065, 44.5403, 9.8183



4.0948, 7.3720, -0.1409

Inverse Universe

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



29.7189, 51.8501, 11.7562



39.9846, 69.6798, 16.4970



47.0645, -18.3422, -19.2289



27.5346, 1.2726, 1.2630



25.5065, 44.5403, 9.8183



4.0948, 7.3720, -0.1409

Previews

White Background



This preview shows how the HunterLab color 29.7180, 51.8537, 11.7555 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 29.7180, 51.8537, 11.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

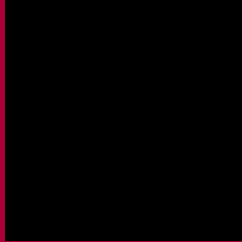
Any Text WCAG AA × Fail

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 29.7180, 51.8537, 11.7555 Background



This preview shows how black text looks on a background with the HunterLab color 29.7180, 51.8537, 11.7555.



This preview shows how white text looks on a background with the HunterLab color 29.7180, 51.8537,

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

29.7180, 51.8537, 11.7555

Protanopia

30.6659, -1.2260, 3.0523

Deuteranopia

30.7638, 1.6949, 13.5969



Tritanopia

30.1634, 46.6020, 18.1015

Trichromacy



Original Color

29.7180, 51.8537, 11.7555

Protanomaly

26.5800, 20.9093, 2.6842

Deuteranomaly

27.2990, 23.6549, 10.4334

Tritanomaly

29.8102, 48.4737, 16.3558

Monochromacy



Original Color

29.7180, 51.8537, 11.7555

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.3809, 20.4417, 1.6557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7180, 51.8537, 11.7555 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(170, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(170, 0, 56)  
}
```

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(170, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 0, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7180, 51.8537, 11.7555 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(170, 0, 56) }
```


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

```
.border{ border-color:rgb(170, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(170, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(170, 0, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7180, 51.8537, 11.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 0, 56) }
```

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

```
.background{ background-color: rgb(170, 0,  
56) }
```

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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