

Converting Colors

HunterLab(29.5187, 55.4821,
11.2341)

Have a look what the booklet for
HunterLab(29.5187, 55.4821,
11.2341) contains.

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Color

**HunterLab(30.3146, 52.9223,
11.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	AD003A
RGB	173, 0, 58
RGB Percent	68%, 0%, 23%
CMY	0.3216, 0.9999, 0.7725
CMYK	0.00, 1.00, 0.66, 0.32
HSL	340°, 100%, 34%
HSV	340°, 100%, 68%
XYZ	17.9973, 9.1897, 4.8283
YIQ	58.3390, 84.4900, 54.7140

Conversions

Conversions Part 2

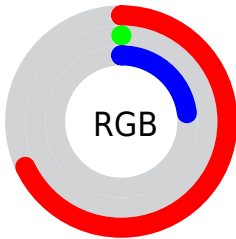
Format	Color
R_{YB}	173, 0, 58
Decimal	11337786
CIE Lab	36.35, 61.48, 19.46
CIE LCh	36, 64.488, 17.568
Yxy	9.1903, 0.5621, 0.2871
Android (android.graphics.Color)	4289527866 (0xFFAD003A)
YUV	58.3390, -0.1671, 100.5577
Hunter-Lab	30.3146, 52.9223, 11.7770

Details

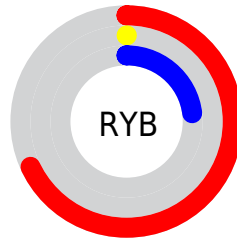
The HunterLab color **30.3146, 52.9223, 11.7770** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.7904, -39.9145, 16.4328**, and the grayscale version is **20.6716, -1.1030, 1.1231**.

A 20% lighter version of the original color is **49.2687, 57.2745, 15.2789**, and **18.6687, 32.1876, 10.3829** is the 20% darker color. If you saturate the color by 10%, you get **30.3142, 52.9210, 11.7816**, and if you desaturate by 10%, it is **31.1951, 51.4323, 9.2657**.

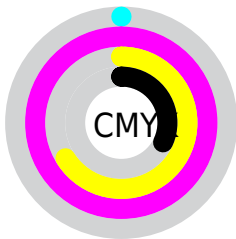
Distribution



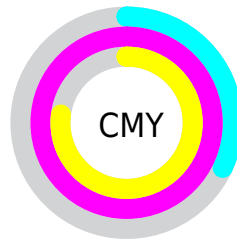
- Red (68%)
- Green (0%)
- Blue (23%)



- Red (68%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (32%)



- Cyan (32%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3146, 52.9223, 11.7770 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 30.3146, 52.9223, 11.7770 by changing the saturation by 10% instead.

■ 30.3146, 52.9223,
11.7770

■ 30.3146, 52.9223,
11.7770

■ 135.9380, 69.2463,
26.6670

■ 22.0579, 50.8018,
9.8229

■ 49.2555, 57.1788,
15.3646

■ 14.7261, 48.9767,
7.8532

■ 59.8128, 59.1963,
17.0590

■ 8.3832, 48.9572,
5.8682

■ 71.0322, 61.1151,
18.7119

0.0000, INF, NaN

0.0000, INF, NaN

■ 82.8768, 62.9325,
20.3348

0.0000, NaN, NaN

■ 95.3152, 64.6503,
21.9362

0.0000, NaN, NaN

■ 108.3202, 66.2723,

0.0000, NaN, NaN

23.5224

0.0000, NaN, NaN

121.8681, 67.8028,
25.0981

■ 30.3146, 52.9223,
11.7770

■ 30.3146, 52.9223,
11.7770

■ 30.3142, 52.9210,
11.7816

■ 31.1951, 51.4323,
9.2657

■ 32.6477, 48.4381,
6.8266

■ 34.8072, 43.7666,
4.7689

■ 37.6408, 37.8632,
3.2243

■ 41.0781, 31.2187,
2.2255

■ 45.0367, 24.2277,
1.7371

■ 49.4370, 17.1517,
1.6919

■ 54.2098, 10.1389,
2.0160

■ 59.2973, 3.2600,
2.6422

Harmonies

Analogous

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



30.3155, 54.5832, -8.8415



30.3146, 52.9223, 11.7770



30.3155, 34.2416, 19.1545

Triad

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



30.3155, 52.9186, 11.7777



30.3155, -27.7844, 18.5021



30.3155, -10.5408, -74.5486

Complementary

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



30.3146, 52.9223, 11.7770



55.7904, -39.9145, 16.4328

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.



30.3155, -26.0046, -48.5106



30.3146, 52.9223, 11.7770



30.3155, -33.7828, 9.3634

Square

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



30.3155, 52.9186, 11.7777



30.3155, -13.8145, 21.0583



30.3155, -33.2464, -13.9388



30.3155, 12.8726, -71.7718

Rectangle

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



30.3146, 52.9223, 11.7770



30.3155, 17.1104, 20.8023



30.3155, -33.2464, -13.9388



30.3155, -16.6784, -68.3722

Sweetspot

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



30.3155, 52.9186, 11.7777



65.8278, 23.4652, 2.2539



25.4809, 55.4707, -75.3194



29.5452, 12.7354, 1.0371



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.



30.3155, 52.9186, 11.7777



40.5242, 70.6596, 16.4140



31.0192, 47.0098, 19.9353



28.3866, 1.3322, 1.2820



26.0015, 45.4281, 9.8266



4.4545, 8.0068, -0.0549

Inverse Universe

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



30.3155, 52.9186, 11.7777



40.5242, 70.6596, 16.4140



48.8892, -19.8899, -18.1686



28.3866, 1.3322, 1.2820



26.0015, 45.4281, 9.8266



4.4545, 8.0068, -0.0549

Previews

White Background



This preview shows how the HunterLab color 30.3146, 52.9223, 11.7770 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 30.3146, 52.9223, 11.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

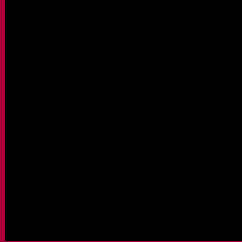
Any Text WCAG AA × Fail

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 30.3146, 52.9223, 11.7770 Background



This preview shows how black text looks on a background with the HunterLab color 30.3146, 52.9223, 11.7770.



This preview shows how white text looks on a background with the HunterLab color 30.3146, 52.9223,

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

30.3146, 52.9223, 11.7770

Protanopia

31.3998, -1.2640, 3.0982

Deuteranopia

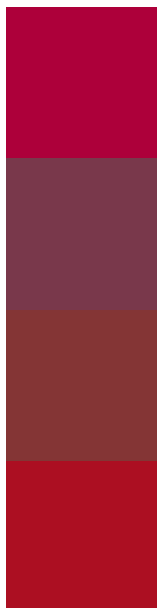
31.2395, 2.0722, 13.5588



Tritanopia

30.7147, 47.6369, 18.4827

Trichromacy



Original Color

30.3146, 52.9223, 11.7770

Protanomaly

27.2053, 21.7384, 2.6373

Deuteranomaly

27.7647, 24.9048, 10.3519

Tritanomaly

30.3773, 49.5118, 16.6313

Monochromacy



Original Color

30.3146, 52.9223, 11.7770

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.8277, 20.8081, 1.8030

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3146, 52.9223, 11.7770 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(173, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 58)  
}
```

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(173, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3146, 52.9223, 11.7770 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(173, 0, 58) }
```


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

```
.border{ border-color:rgb(173, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3146, 52.9223, 11.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 58) }
```

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

```
.background{ background-color: rgb(173, 0,  
58) }
```

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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