

Converting Colors

HunterLab(27.4193, 64.5368,
3.0314)

Have a look what the booklet for
HunterLab(27.4193, 64.5368,
3.0314) contains.

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Color

**HunterLab(30.3212, 53.6931,
5.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	AB004D
RGB	171, 0, 77
RGB Percent	67%, 0%, 30%
CMY	0.3294, 0.9999, 0.6980
CMYK	0.00, 1.00, 0.55, 0.33
HSL	333°, 100%, 34%
HSV	333°, 100%, 67%
XYZ	18.1341, 9.1938, 7.8400
YIQ	59.9070, 77.1990, 60.1990

Conversions

Conversions Part 2

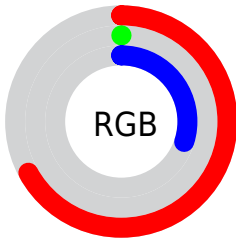
Format	Color
RYB	171, 0, 77
Decimal	11206733
CIELab	36.36, 62.17, 7.06
CIElCh	36, 62.573, 6.481
Yxy	9.1943, 0.5156, 0.2614
Android (android.graphics.Color)	4289396813 (0xFFAB004D)
YUV	59.9070, 8.4268, 97.4286
Hunter-Lab	30.3212, 53.6931, 5.8946

Details

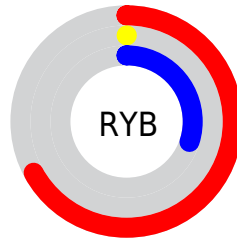
The HunterLab color **30.3212, 53.6931, 5.8946** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **54.7125, -41.6388, 21.5022**, and the grayscale version is **21.1833, -1.1303, 1.1509**.

A 20% lighter version of the original color is **49.2485, 58.2165, 7.6026**, and **18.8686, 32.9251, 7.4477** is the 20% darker color. If you saturate the color by 10%, you get **30.3208, 53.6917, 5.8995**, and if you desaturate by 10%, it is **31.2108, 52.2892, 3.2609**.

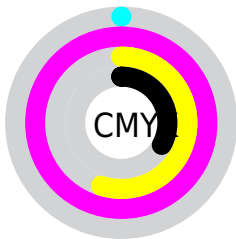
Distribution



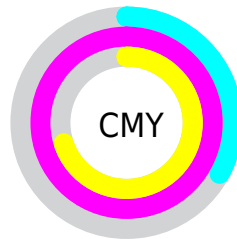
- Red (67%)
- Green (0%)
- Blue (30%)



- Red (67%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3212, 53.6931, 5.8946 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 30.3212, 53.6931, 5.8946 by changing the saturation by 10% instead.

30.3212, 53.6931,
5.8946

30.3212, 53.6931,
5.8946

135.9488, 70.1945,
14.7612

22.0639, 51.5674,
4.9472

49.2632, 57.9805,
7.7834

14.7313, 49.7542,
3.9761

59.8210, 60.0175,
8.7374

8.3882, 49.7920,
3.9470

71.0410, 61.9569,
9.7033

0.0000, INF, NaN

0.0000, INF, NaN

82.8860, 63.7955,
10.6829

0.0000, NaN, NaN

95.3248, 65.5347,
11.6778

0.0000, NaN, NaN

0.0000, NaN, NaN

108.3302, 67.1781,

12.6888

0.0000, NaN, NaN

121.8785, 68.7298,
13.7165

■ 30.3212, 53.6931,
5.8946

■ 30.3212, 53.6931,
5.8946

■ 30.3208, 53.6917,
5.8995

■ 31.2108, 52.2892,
3.2609

■ 32.6433, 49.3690,
0.9655

■ 34.7539, 44.7432,
-0.6955

■ 37.5136, 38.8401,
-1.6518

■ 40.8578, 32.1411,
-1.9358

■ 44.7092, 25.0429,
-1.6359

■ 48.9925, 17.8154,
-0.8566

■ 53.6414, 10.6175,
0.3050

■ 58.6002, 3.5297,
1.7683

Harmonies

Analogous

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



30.3221, 48.4398, -19.5014



30.3212, 53.6931, 5.8946



30.3221, 41.0289, 17.2489

Triad

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



30.3221, 53.6896, 5.8954



30.3221, -23.0985, 19.5344



30.3221, -16.8761, -64.4267

Complementary

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



30.3212, 53.6931, 5.8946



54.7125, -41.6388, 21.5022

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.



30.3221, -28.9261, -33.8982



30.3212, 53.6931, 5.8946



30.3221, -31.7270, 13.8156

Square

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



30.3221, 53.6896, 5.8954



30.3221, -6.3004, 21.1559



30.3221, -33.5003, -3.3135



30.3221, 3.3637, -73.0513

Rectangle

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



30.3212, 53.6931, 5.8946



30.3221, 25.8137, 19.7881



30.3221, -33.5003, -3.3135



30.3221, -21.8165, -55.6794

Sweetspot

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



30.3221, 53.6896, 5.8954



65.2385, 24.3704, -1.2177



22.7504, 51.8778, -85.4811



29.6747, 13.3807, -0.8035



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.



30.3221, 53.6896, 5.8954



40.5261, 71.6667, 8.6329



29.6349, 49.6728, 19.1289



28.4131, 1.4747, 0.9041



26.3456, 46.6895, 4.8397



4.5190, 8.2400, -0.9641

Inverse Universe

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



30.3221, 53.6896, 5.8954



40.5261, 71.6667, 8.6329



54.7351, -27.7572, -8.4926



28.4131, 1.4747, 0.9041



26.3456, 46.6895, 4.8397



4.5190, 8.2400, -0.9641

Previews

White Background



This preview shows how the HunterLab color 30.3212, 53.6931, 5.8946 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 30.3212, 53.6931, 5.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

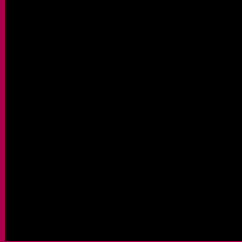
Any Text WCAG AA × Fail

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 30.3212, 53.6931, 5.8946 Background



This preview shows how black text looks on a background with the HunterLab color 30.3212, 53.6931, 5.8946.



This preview shows how white text looks on a background with the HunterLab color 30.3212, 53.6931,

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

30.3212, 53.6931, 5.8946

Protanopia

31.2731, 1.2796, -9.7696

Deuteranopia

31.3413, 1.8074, 8.3825



Tritanopia

30.8362, 44.9444, 17.4263

Trichromacy



Original Color

30.3212, 53.6931, 5.8946

Protanomaly

26.8526, 23.1894, -9.1114

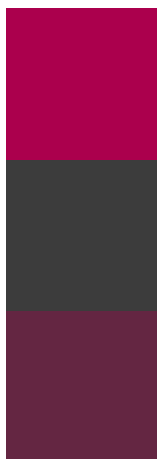
Deuteranomaly

27.7643, 24.8578, 4.0828

Tritanomaly

30.4164, 48.5364, 14.3499

Monochromacy



Original Color

30.3212, 53.6931, 5.8946

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.1870, 21.3247, -0.9951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3212, 53.6931, 5.8946 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3212, 53.6931, 5.8946 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, 77) }
```


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

```
.border{ border-color:rgb(171, 0, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.3212, 53.6931, 5.8946 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, 77) }
```

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

```
.background{ background-color: rgb(171, 0,  
77) }
```

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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