

Converting Colors

HunterLab(36.5357, 29.4951,
-29.9580)

Have a look what the booklet for
HunterLab(36.5357, 29.4951,
-29.9580) contains.

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Color

**HunterLab(36.5943, 29.2156,
-30.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	87509F
RGB	135, 80, 159
RGB Percent	53%, 31%, 62%
CMY	0.4706, 0.6863, 0.3765
CMYK	0.15, 0.50, 0.00, 0.38
HSL	282°, 33%, 47%
HSV	282°, 50%, 62%
XYZ	19.1183, 13.3914, 34.3780
YIQ	105.4510, 7.4210, 36.2290

Conversions

Conversions Part 2

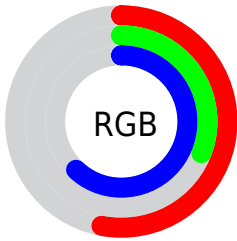
Format	Color
R _Y B	135, 80, 159
Decimal	8867999
CIE Lab	43.35, 37.15, -33.86
CIE LCh	43, 50.269, 317.651
Yxy	13.3920, 0.2858, 0.2002
Android (android.graphics.Color)	4287058079 (0xFF87509F)
YUV	105.4510, 26.3997, 25.9145
Hunter-Lab	36.5943, 29.2156, -30.0832

Details

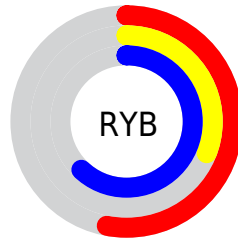
The HunterLab color $[36.5943, 29.2156, -30.0832]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[53.2154, -27.5325, 23.8527]$, and the grayscale version is $[37.6578, -2.0093, 2.0460]$.

A 20% lighter version of the original color is $[56.5993, 31.7975, -31.2098]$, and $[19.6990, 26.3386, -29.2665]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.0772, 35.6328, -37.7893]$, and if you desaturate by 10%, it is $[40.5119, 22.5975, -22.6463]$.

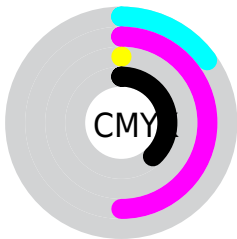
Distribution



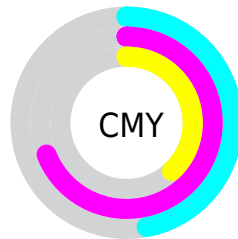
- Red (53%)
- Green (31%)
- Blue (62%)



- Red (53%)
- Yellow (31%)
- Blue (62%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5943, 29.2156, -30.0832 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 36.5943, 29.2156, -30.0832 by changing the saturation by 10% instead.

36.5943, 29.2156,
-30.0832

36.5943, 29.2156,
-30.0832

146.0872, 37.6329,
-34.3639

27.7471, 27.7436,
-29.5197

56.5740, 31.7771,
-31.3086

19.7559, 26.1478,
-29.1425

67.5990, 32.8849,
-31.8896

12.7257, 24.4761,
-29.3023

79.2596, 33.8897,
-32.4277

6.0881, 28.4000,
-36.0018

91.5228, 34.7999,
-32.9170

0.0000, INF, -NF

0.0000, NaN, -NF

104.3604, 35.6232,
-33.3552

0.0000, NaN, NaN

117.7478, 36.3661,

0.0000, NaN, NaN

-33.7420

0.0000, NaN, NaN

131.6632, 37.0344,
-34.0778

■ 36.5943, 29.2156,
-30.0832

■ 36.5943, 29.2156,
-30.0832

■ 33.0772, 35.6328,
-37.7893

■ 40.5119, 22.5975,
-22.6463

■ 30.0324, 41.5341,
-45.5231

■ 44.7629, 15.9658,
-15.5839

■ 27.5360, 46.4522,
-52.8460

■ 49.2952, 9.4122,
-8.9114

■ 25.6456, 49.8450,
-59.1574

■ 54.0661, 2.9746,
-2.6030

■ 24.2568, 51.7442,
-64.3218

■ 59.0419, -3.3395,
3.3840

■ 24.2139, 51.8046,
-64.4892

■ 64.1959, -9.5373,
9.0958

■ 69.5066, -15.6322,
14.5762

■ 74.9568, -21.6397,
19.8639

■ 80.5326, -27.5750,
24.9921

Harmonies

Analogous

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



36.5951, 9.8180, -49.1436



36.5943, 29.2156, -30.0832



36.5951, 41.1030, -6.2645

Triad

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



36.5951, 29.2148, -30.0820



36.5951, 6.2071, 22.2929



36.5951, -30.7096, -10.2161

Complementary

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



36.5943, 29.2156, -30.0832



53.2154, -27.5325, 23.8527

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.



36.5951, -31.2851, 8.6836



36.5943, 29.2156, -30.0832



36.5951, -12.4046, 22.0623

Square

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



36.5951, 29.2148, -30.0820



36.5951, 26.1102, 19.5123



36.5951, -25.2668, 18.5411



36.5951, -23.4913, -34.2141

Rectangle

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



36.5943, 29.2156, -30.0832



36.5951, 41.8451, 6.3309



36.5951, -25.2668, 18.5411



36.5951, -31.6241, -2.9533

Sweetspot

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



36.5951, 29.2148, -30.0820



68.7410, 8.7860, -8.1553



37.8362, 2.7596, -28.0371



32.0416, 4.9865, -4.6750



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



36.5951, 29.2148, -30.0820



43.6298, 48.8919, -52.0880



38.9078, 33.9466, -15.9555



25.7942, 1.2798, -1.1082



21.5717, 46.1072, -57.1066



3.2272, 6.6220, -6.4060

Inverse Universe

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



37.5609, 27.7259, 2.9563



45.4882, 46.2700, 5.5672



52.2675, -30.8532, 19.5243



25.8412, 1.1408, 1.2619



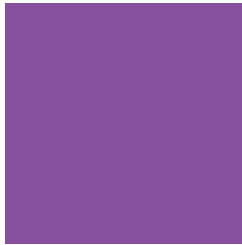
24.4929, 42.6685, 10.2176



3.3806, 6.0906, -0.1512

Previews

White Background



This preview shows how the HunterLab color 36.5943, 29.2156, -30.0832 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 × Fail

Black Background



This preview shows how the HunterLab color 36.5943, 29.2156, -30.0832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

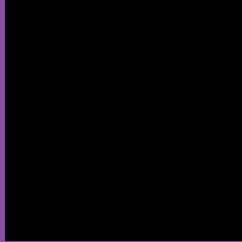
Any Text WCAG AA × Fail

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 36.5943, 29.2156, -30.0832 Background



This preview shows how black text looks on a background with the HunterLab color 36.5943, 29.2156, -30.0832.



This preview shows how white text looks on a background with the HunterLab color 36.5943, 29.2156, -30.0832.

-30.0832.

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

36.5943, 29.2156, -30.0832

Protanopia

36.8156, 8.0442, -44.1606

Deuteranopia

36.7853, 3.0375, -27.2620



Tritanopia

36.5795, 8.9671, 2.7413

Trichromacy



Original Color

36.5943, 29.2156, -30.0832

Protanomaly

36.1360, 14.2369, -39.8817

Deuteranomaly

36.1363, 11.5920, -29.1351

Tritanomaly

36.3552, 15.6165, -7.3525

Monochromacy



Original Color

36.5943, 29.2156, -30.0832

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

36.8231, 8.6938, -8.3974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5943, 29.2156, -30.0832 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(135, 80, 159)` looks like.

```
.text, #text, p{  
    color:rgb(135, 80, 159)  
}
```

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(135, 80, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 80, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5943, 29.2156, -30.0832 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(135, 80, 159) }
```


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

```
.border{ border-color:rgb(135, 80, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 80, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 80, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 80, 159);  
box-shadow:4px 4px 4px 4px rgb(135, 80,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5943, 29.2156, -30.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 80, 159) }
```

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

```
.background{ background-color: rgb(135, 80,  
159) }
```

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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