

Converting Colors

HunterLab(36.8953, 69.9704,
-28.7638)

Have a look what the booklet for
HunterLab(36.8953, 69.9704,
-28.7638) contains.

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Color

**HunterLab(36.8505, 69.9002,
-28.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	BF009F
RGB	191, 0, 159
RGB Percent	75%, 0%, 62%
CMY	0.2510, 0.9999, 0.3765
CMYK	0.00, 1.00, 0.17, 0.25
HSL	310°, 100%, 37%
HSV	310°, 100%, 75%
XYZ	27.7439, 13.5796, 33.9598
YIQ	75.2350, 62.7970, 89.9410

Conversions

Conversions Part 2

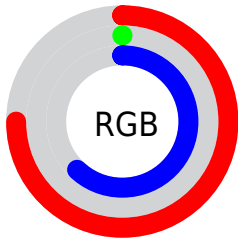
Format	Color
R_{YB}	191, 0, 159
Decimal	12517535
CIE _{Lab}	43.62, 74.67, -32.83
CIE _{LCh}	44, 81.572, 336.266
Yxy	13.5803, 0.3685, 0.1804
Android (android.graphics.Color)	4290707615 (0xFFBF009F)
YUV	75.2350, 41.2961, 101.5259
Hunter-Lab	36.8505, 69.9002, -28.8437

Details

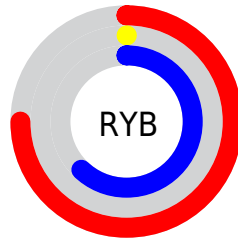
The HunterLab color **36.8505, 69.9002, -28.8437** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **61.1282, -51.8067, 35.4325**, and the grayscale version is **26.4565, -1.4117, 1.4374**.

A 20% lighter version of the original color is **56.8715, 74.3906, -29.9774**, and **24.5928, 46.4323, -17.5680** is the 20% darker color. If you saturate the color by 10%, you get **36.8504, 69.8997, -28.8407**, and if you desaturate by 10%, it is **37.6329, 68.1876, -29.6185**.

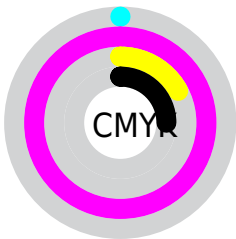
Distribution



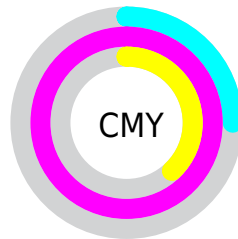
- Red (75%)
- Green (0%)
- Blue (62%)



- Red (75%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (17%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8505, 69.9002, -28.8437 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 36.8505, 69.9002, -28.8437 by changing the saturation by 10% instead.

36.8505, 69.9002,
-28.8437

36.8505, 69.9002,
-28.8437

146.4937, 88.8880,
-32.9238

27.9810, 67.6000,
-28.2713

56.8704, 74.6364,
-30.0462

19.9648, 65.6152,
-27.8548

67.9135, 76.9357,
-30.6067

12.9062, 64.5679,
-27.9042

79.5912, 79.1536,
-31.1213

6.3348, 75.4666,
-33.3110

91.8707, 81.2817,
-31.5853

0.0000, INF, -NF

0.0000, NaN, NaN

104.7238, 83.3178,
-31.9971

0.0000, NaN, NaN

118.1261, 85.2625,

0.0000, NaN, NaN

-32.3568

132.0558, 87.1183,
-32.6652

■ 36.8505, 69.9002,
-28.8437

■ 36.8505, 69.9002,
-28.8437

■ 36.8504, 69.8997,
-28.8407

■ 37.6329, 68.1876,
-29.6185

■ 38.9982, 64.5569,
-29.2505

■ 41.0913, 58.7988,
-27.5283

■ 43.9040, 51.3492,
-24.6209

■ 47.3833, 42.7673,
-20.8047

■ 51.4548, 33.5597,
-16.3629

■ 56.0399, 24.1022,
-11.5283

■ 61.0648, 14.6349,
-6.4686

■ 66.4658, 5.2917,
-1.2936

Harmonies

Analogous

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



36.8514, 40.2732, -79.0972



36.8505, 69.9002, -28.8437



36.8514, 77.8424, 7.6674

Triad

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



36.8514, 69.8974, -28.8420



36.8514, -8.2437, 25.7960



36.8514, -38.7322, -49.6784

Complementary

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



36.8505, 69.9002, -28.8437



61.1282, -51.8067, 35.4325

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.



36.8514, -44.4383, -4.7262



36.8505, 69.9002, -28.8437



36.8514, -30.9861, 24.7335

Square

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



36.8514, 69.8974, -28.8420



36.8514, 25.1841, 25.7350



36.8514, -42.1651, 18.2948



36.8514, -22.9987, -96.6112

Rectangle

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



36.8505, 69.9002, -28.8437



36.8514, 68.0538, 19.2974



36.8514, -42.1651, 18.2948



36.8514, -41.6007, -32.8869

Sweetspot

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



36.8514, 69.8974, -28.8420



74.6819, 32.8778, -15.7535



20.1669, 53.1804, -131.5550



33.7386, 17.9456, -8.6955



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



36.8514, 69.8974, -28.8420



49.2842, 93.4328, -38.1686



33.8285, 59.0113, 13.4587



31.0935, 2.1869, -0.4469



29.8906, 56.7260, -23.6108



5.9781, 11.4461, -5.5047

Inverse Universe

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



36.8514, 69.8974, -28.8420



49.2842, 93.4328, -38.1686



62.2923, -44.5818, 18.3810



31.0935, 2.1869, -0.4469



29.8906, 56.7260, -23.6108



5.9781, 11.4461, -5.5047

Previews

White Background



This preview shows how the HunterLab color 36.8505, 69.9002, -28.8437 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 36.8505, 69.9002, -28.8437 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 36.8505, 69.9002, -28.8437 Background



This preview shows how black text looks on a background with the HunterLab color 36.8505, 69.9002, -28.8437.



This preview shows how white text looks on a background with the HunterLab color 36.8505, 69.9002, -28.8437.

-28.8437.

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

36.8505, 69.9002, -28.8437

Protanopia

38.0271, 13.9364, -77.6153

Deuteranopia

37.6755, 2.7426, -21.4829



Tritanopia

37.4375, 40.7588, 15.6195

Trichromacy



Original Color

36.8505, 69.9002, -28.8437



Protanomaly

29.9765, 32.0666, -83.0847



Deuteranomaly

32.6067, 32.1819, -34.1438



Tritanomaly

35.8842, 53.1479, 3.1216

Monochromacy



Original Color

36.8505, 69.9002, -28.8437



Achromatopsia

26.5255, -1.4153, 1.4412



Achromatomaly

26.3371, 28.4261, -13.9702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8505, 69.9002, -28.8437 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(191, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 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(191, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 159) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8505, 69.9002, -28.8437 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(191, 0, 159) }
```


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

```
.border{ border-color:rgb(191, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
159) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8505, 69.9002, -28.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 159) }
```

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

```
.background{ background-color: rgb(191, 0,  
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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