

Converting Colors

HunterLab(36.2198, 67.5766,
-19.6111)

Have a look what the booklet for
HunterLab(36.2198, 67.5766,
-19.6111) contains.

HunterLab(36.1801, 67.5249, -19.7631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(36.1801, 67.5249,
-19.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0090
RGB	191, 0, 144
RGB Percent	75%, 0%, 56%
CMY	0.2510, 0.9999, 0.4353
CMYK	0.00, 1.00, 0.25, 0.25
HSL	315°, 100%, 37%
HSV	315°, 100%, 75%
XYZ	26.5199, 13.0900, 27.5144
YIQ	73.5250, 67.6120, 85.2760

Conversions

Conversions Part 2

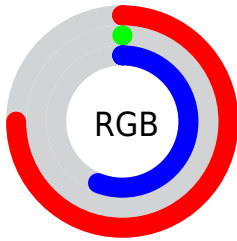
Format	Color
R_{YB}	191, 0, 144
Decimal	12517520
CIE _{Lab}	42.90, 72.85, -24.89
CIE _{LCh}	43, 76.984, 341.134
Yxy	13.0907, 0.3951, 0.1950
Android (android.graphics.Color)	4290707600 (0xFFBF0090)
YUV	73.5250, 34.7442, 103.0256
Hunter-Lab	36.1801, 67.5249, -19.7631

Details

The HunterLab color **36.1801, 67.5249, -19.7631** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **61.2107, -51.2889, 34.2118**, and the grayscale version is **25.8682, -1.3803, 1.4055**.

A 20% lighter version of the original color is **56.0382, 71.9814, -20.7356**, and **23.8660, 44.1826, -10.2475** is the 20% darker color. If you saturate the color by 10%, you get **36.1799, 67.5239, -19.7589**, and if you desaturate by 10%, it is **37.0229, 65.9743, -21.3665**.

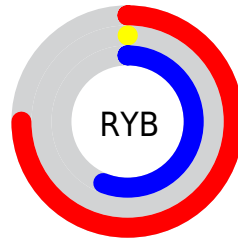
Distribution



Red (75%)

Green (0%)

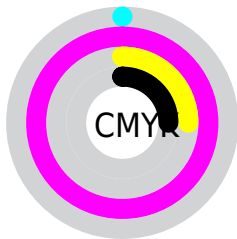
Blue (56%)



Red (75%)

Yellow (0%)

Blue (56%)

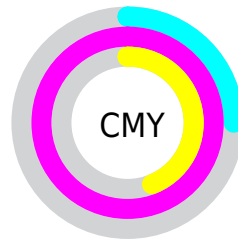


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (25%)



Cyan (25%)

Magenta (100%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1801, 67.5249, -19.7631 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 36.1801, 67.5249, -19.7631 by changing the saturation by 10% instead.

36.1801, 67.5249,
-19.7631

36.1801, 67.5249,
-19.7631

145.4298, 86.1463,
-22.1279

27.3698, 65.2434,
-19.2366

56.0951, 72.1983,
-20.6864

19.4192, 63.2654,
-18.7238

67.0908, 74.4591,
-21.0630

12.4351, 62.2156,
-18.3666

78.7236, 76.6356,
-21.3798

5.6657, 78.1114,
-23.0805

90.9604, 78.7205,
-21.6378

0.0000, INF, -NF

0.0000, NaN, NaN

103.7728, 80.7122,
-21.8392

0.0000, NaN, NaN

117.1360, 82.6119,

0.0000, NaN, NaN

-21.9864

0.0000, NaN, NaN

131.0281, 84.4222,
-22.0819

■ 36.1801, 67.5249,
-19.7631

■ 36.1801, 67.5249,
-19.7631

■ 36.1799, 67.5239,
-19.7589

■ 37.0229, 65.9743,
-21.3665

■ 38.4586, 62.5139,
-21.9373

■ 40.6295, 56.9465,
-21.2395

■ 43.5225, 49.7193,
-19.3891

■ 47.0801, 41.3912,
-16.6137

■ 51.2251, 32.4595,
-13.1611

■ 55.8773, 23.2871,
-9.2441

■ 60.9627, 14.1028,
-5.0227

■ 66.4178, 5.0327,
-0.6076

Harmonies

Analogous

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



36.1811, 42.6161, -65.2304



36.1801, 67.5249, -19.7631



36.1811, 70.7760, 10.7990

Triad

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



36.1811, 67.5218, -19.7616



36.1811, -12.0968, 25.3268



36.1811, -35.1163, -53.2973

Complementary

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



36.1801, 67.5249, -19.7631



61.2107, -51.2889, 34.2118

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.



36.1811, -42.0380, -9.8636



36.1801, 67.5249, -19.7631



36.1811, -31.8261, 23.4822

Square

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



36.1811, 67.5218, -19.7616



36.1811, 17.9522, 25.1989



36.1811, -41.0617, 15.2796



36.1811, -18.2763, -92.9789

Rectangle

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



36.1801, 67.5249, -19.7631



36.1811, 59.3449, 20.0761



36.1811, -41.0617, 15.2796



36.1811, -38.3975, -37.6683

Sweetspot

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



36.1811, 67.5218, -19.7616



74.4598, 31.7691, -12.6393



20.7627, 53.6653, -127.0209



33.6170, 17.3496, -6.9955



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.



36.1811, 67.5218, -19.7616



48.3769, 90.2167, -25.8693



33.6388, 58.3119, 16.2378



31.0726, 2.0746, -0.1492



29.3525, 54.8202, -16.3275



5.8930, 11.1463, -4.3658

Inverse Universe

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



36.1811, 67.5218, -19.7616



48.3769, 90.2167, -25.8693



62.5761, -42.8433, 14.2735



31.0726, 2.0746, -0.1492



29.3525, 54.8202, -16.3275



5.8930, 11.1463, -4.3658

Previews

White Background



This preview shows how the HunterLab color 36.1801, 67.5249, -19.7631 looks on a white background.

Color Contrast Check

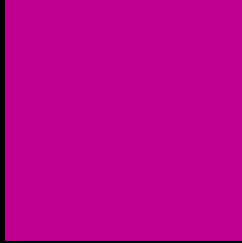
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1801, 67.5249, -19.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

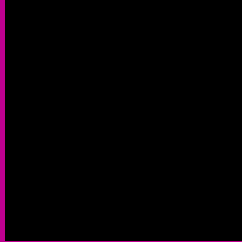
Any Text WCAG AA × Fail

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 36.1801, 67.5249, -19.7631 Background



This preview shows how black text looks on a background with the HunterLab color 36.1801, 67.5249, -19.7631.



This preview shows how white text looks on a background with the HunterLab color 36.1801, 67.5249, -19.7631.

-19.7631.

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

36.1801, 67.5249, -19.7631

Protanopia

37.3285, 12.9826, -68.5092

Deuteranopia

37.1395, 2.5539, -13.6626



Tritanopia

36.8331, 43.5456, 16.5774

Trichromacy



Original Color

36.1801, 67.5249, -19.7631

Protanomaly

30.7658, 33.1691, -66.7968

Deuteranomaly

32.3123, 30.9448, -23.6674

Tritanomaly

35.4709, 53.7325, 6.2539

Monochromacy



Original Color

36.1801, 67.5249, -19.7631

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.9148, 27.6941, -10.5535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1801, 67.5249, -19.7631 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1801, 67.5249, -19.7631 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, 144) }
```


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

```
.border{ border-color:rgb(191, 0, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1801, 67.5249, -19.7631 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, 144) }
```

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

```
.background{ background-color: rgb(191, 0,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor