

Converting Colors

HunterLab(36.8779, 68.8471,
-33.8168)

Have a look what the booklet for
HunterLab(36.8779, 68.8471,
-33.8168) contains.

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Color

**HunterLab(36.8203, 68.8623,
-34.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0BA6
RGB	187, 11, 166
RGB Percent	73%, 4%, 65%
CMY	0.2667, 0.9568, 0.3490
CMYK	0.00, 0.94, 0.11, 0.27
HSL	307°, 89%, 39%
HSV	307°, 94%, 73%
XYZ	27.4962, 13.5573, 37.2441
YIQ	81.2940, 55.1410, 85.5170

Conversions

Conversions Part 2

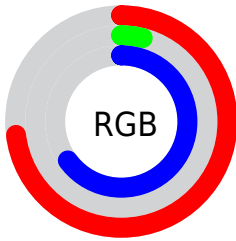
Format	Color
RYB	187, 11, 166
Decimal	12258214
CIELab	43.59, 73.82, -37.13
CIElCh	44, 82.634, 333.302
Yxy	13.5580, 0.3512, 0.1732
Android (android.graphics.Color)	4290448294 (0xFFBB0BA6)
YUV	81.2940, 41.7601, 92.7042
Hunter-Lab	36.8203, 68.8623, -34.1982

Details

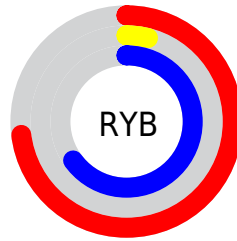
The HunterLab color **36.8203, 68.8623, -34.1982** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **59.7635, -50.3167, 34.5876**, and the grayscale version is **28.6361, -1.5280, 1.5559**.

A 20% lighter version of the original color is **56.8862, 73.6541, -35.6850**, and **24.2062, 46.3791, -22.5384** is the 20% darker color. If you saturate the color by 10%, you get **36.4281, 69.8100, -34.0243**, and if you desaturate by 10%, it is **37.8357, 66.0765, -33.7590**.

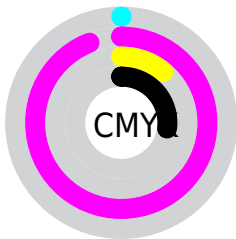
Distribution



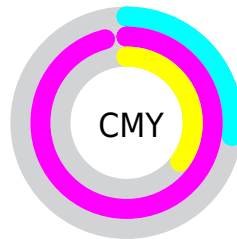
- Red (73%)
- Green (4%)
- Blue (65%)



- Red (73%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (94%)
- Yellow (11%)
- Black (27%)



- Cyan (27%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8203, 68.8623, -34.1982 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 36.8203, 68.8623, -34.1982 by changing the saturation by 10% instead.

36.8203, 68.8623,
-34.1982

36.8203, 68.8623,
-34.1982

146.4458, 87.6612,
-39.0138

27.9534, 66.5664,
-33.6694

56.8355, 73.5689,
-35.4695

19.9402, 64.5693,
-33.4124

67.8764, 75.8481,
-36.1029

12.8849, 63.4743,
-33.8752

79.5521, 78.0441,
-36.7033

6.3063, 74.2972,
-41.2033

91.8297, 80.1494,
-37.2616

0.0000, INF, -NF

0.0000, NaN, NaN

104.6810, 82.1621,
-37.7730

0.0000, NaN, NaN

118.0815, 84.0832,

0.0000, NaN, NaN

-38.2357

132.0095, 85.9152,
-38.6492

■ 36.8203, 68.8623,
-34.1982

■ 36.8203, 68.8623,
-34.1982

■ 36.4281, 69.8100,
-34.0243

■ 37.8357, 66.0765,
-33.7590

■ 39.5394, 61.1294,
-31.9383

■ 41.9517, 54.3235,
-28.8550

■ 45.0388, 46.1763,
-24.7801

■ 48.7364, 37.2195,
-20.0203

■ 52.9692, 27.8814,
-14.8414

■ 57.6633, 18.4542,
-9.4390

■ 62.7524, 9.1115,
-3.9420

■ 68.1797, -0.0577,
1.5724

Harmonies

Analogous

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



36.8212, 37.3272, -85.3717



36.8203, 68.8623, -34.1982



36.8212, 79.6250, 5.1570

Triad

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



36.8212, 68.8598, -34.1965



36.8212, -5.3753, 25.7749



36.8212, -40.0226, -45.4372

Complementary

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



36.8203, 68.8623, -34.1982



59.7635, -50.3167, 34.5876

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.



36.8212, -44.8955, -1.4545



36.8203, 68.8623, -34.1982



36.8212, -29.5666, 25.0887

Square

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



36.8212, 68.8598, -34.1965



36.8212, 29.2252, 25.6245



36.8212, -41.8322, 19.5827



36.8212, -25.3281, -94.8669

Rectangle

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



36.8203, 68.8623, -34.1982



36.8212, 71.3784, 18.2393



36.8212, -41.8322, 19.5827



36.8212, -42.5904, -28.6665

Sweetspot

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



36.8212, 68.8598, -34.1965



74.3677, 30.1795, -15.7997



20.3170, 49.4176, -123.8143



33.6366, 16.7336, -8.8815



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



36.8212, 68.8598, -34.1965



48.7267, 93.3405, -45.2145



33.7073, 57.5480, 8.9395



31.1065, 2.2563, -0.6309



30.2492, 57.9874, -28.3968



6.0335, 11.6400, -6.2372

Inverse Universe

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



36.8212, 68.8598, -34.1965



48.7267, 93.3405, -45.2145



60.7926, -43.9297, 19.5022



31.1065, 2.2563, -0.6309



30.2492, 57.9874, -28.3968



6.0335, 11.6400, -6.2372

Previews

White Background



This preview shows how the HunterLab color 36.8203, 68.8623, -34.1982 looks on a white background.

Color Contrast Check

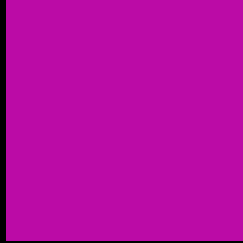
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8203, 68.8623, -34.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

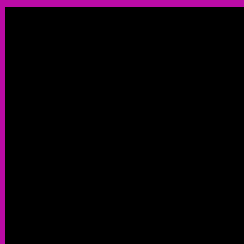
Any Text WCAG AA × Fail

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 36.8203, 68.8623, -34.1982 Background



This preview shows how black text looks on a background with the HunterLab color 36.8203, 68.8623, -34.1982.



This preview shows how white text looks on a background with the HunterLab color 36.8203, 68.8623, -34.1982.

-34.1982.

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

36.8203, 68.8623, -34.1982

Protanopia

37.6330, 13.7864, -76.7988

Deuteranopia

37.5430, 2.9114, -26.4867



Tritanopia

37.1532, 37.8630, 14.3097

Trichromacy



Original Color

36.8203, 68.8623, -34.1982



Protanomaly

30.6503, 30.9758, -82.7527



Deuteranomaly

33.0325, 30.1722, -38.8116



Tritanomaly

35.7738, 50.0770, 0.7704

Monochromacy



Original Color

36.8203, 68.8623, -34.1982



Achromatopsia

28.6850, -1.5306, 1.5585



Achromatomaly

28.2688, 26.8358, -14.2620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8203, 68.8623, -34.1982 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(187, 11, 166)` looks like.

```
.text, #text, p{  
    color:rgb(187, 11, 166)  
}
```

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(187, 11, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 11, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8203, 68.8623, -34.1982 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(187, 11, 166) }
```


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

```
.border{ border-color:rgb(187, 11, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 11, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 11, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 11, 166);  
box-shadow:4px 4px 4px 4px rgb(187, 11,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8203, 68.8623, -34.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 11, 166) }
```

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

```
.background{ background-color: rgb(187, 11,  
166) }
```

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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