

Converting Colors

HunterLab(36.7834, 73.5235,
-66.1136)

Have a look what the booklet for
HunterLab(36.7834, 73.5235,
-66.1136) contains.

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Color

**HunterLab(36.7834, 73.5235,
-66.1136)**

Conversions

Conversions Part 1

Format	Color
Hex	AF07CA
RGB	175, 7, 202
RGB Percent	69%, 3%, 79%
CMY	0.3137, 0.9725, 0.2078
CMYK	0.13, 0.97, 0.00, 0.21
HSL	292°, 93%, 41%
HSV	292°, 97%, 79%
XYZ	28.4158, 13.5302, 56.9910
YIQ	79.4620, 37.5330, 96.2610

Conversions

Conversions Part 2

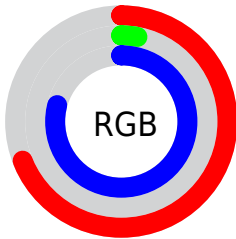
Format	Color
R_{YB}	175, 7, 202
Decimal	11470794
CIE _{Lab}	43.55, 77.64, -58.50
CIE _{LCh}	44, 97.217, 323.002
Yxy	13.5308, 0.2872, 0.1368
Android (android.graphics.Color)	4289660874 (0xFFAF07CA)
YUV	79.4620, 60.4112, 83.7868
Hunter-Lab	36.7834, 73.5235, -66.1136

Details

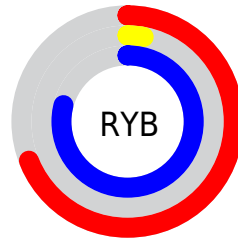
The HunterLab color $36.7834, 73.5235, -66.1136$ is a dark color, and the websafe version is hex $9900CC$. The color can be described as dark washed purple. A complement of this color would be $65.2663, -54.5417, 39.0789$, and the grayscale version is $27.9115, -1.4893, 1.5165$.

A 20% lighter version of the original color is $56.5923, 77.2271, -62.8936$, and $24.2662, 50.2375, -51.6125$ is the 20% darker color. If you saturate the color by 10%, you get $36.4231, 74.0830, -67.2170$, and if you desaturate by 10%, it is $38.0779, 71.0504, -62.2976$.

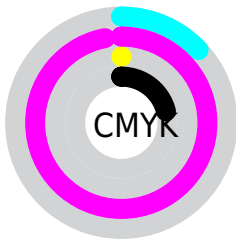
Distribution



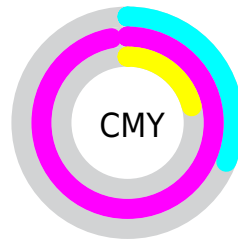
- Red (69%)
- Green (3%)
- Blue (79%)



- Red (69%)
- Yellow (3%)
- Blue (79%)



- Cyan (13%)
- Magenta (97%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (97%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7834, 73.5235, -66.1136 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 36.7834, 73.5235, -66.1136 by changing the saturation by 10% instead.

36.7834, 73.5235,
-66.1136

36.7834, 73.5235,
-66.1136

146.3871, 93.1669,
-72.0569

27.9196, 71.2201,
-66.6509

56.7927, 78.3585,
-66.6810

19.9100, 69.2977,
-68.4936

67.8310, 80.7270,
-67.3282

12.8588, 68.4629,
-73.2943

79.5042, 83.0206,
-68.0763

6.2711, 80.9072,
-96.5160

91.7794, 85.2285,
-68.8732

0.0000, INF, -NF

0.0000, NaN, -NF

104.6285, 87.3465,
-69.6867

0.0000, NaN, NaN

118.0268, 89.3744,

0.0000, NaN, NaN

-70.4965

131.9528, 91.3137,
-71.2894

■ 36.7834, 73.5235,
-66.1136

■ 36.7834, 73.5235,
-66.1136

■ 36.4231, 74.0830,
-67.2170

■ 38.0779, 71.0504,
-62.2976

■ 40.1319, 66.1191,
-56.6654

■ 42.9741, 59.0696,
-49.5776

■ 46.5579, 50.5304,
-41.5845

■ 50.8034, 41.1230,
-33.1867

■ 55.6213, 31.3248,
-24.7410

■ 60.9271, 21.4462,
-16.4574

■ 66.6475, 11.6623,
-8.4367

■ 72.7212, 2.0570,
-0.7106

Harmonies

Analogous

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



36.7842, 30.0460, -129.9218



36.7834, 73.5235, -66.1136



36.7842, 98.1857, -7.2004

Triad

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



36.7842, 73.5223, -66.1116



36.7842, 7.0792, 25.7489



36.7842, -47.1242, -35.3101

Complementary

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



36.7834, 73.5235, -66.1136



65.2663, -54.5417, 39.0789

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.



36.7842, -49.2026, 9.3088



36.7834, 73.5235, -66.1136



36.7842, -25.7742, 25.7489

Square

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



36.7842, 73.5223, -66.1116



36.7842, 51.1709, 25.7489



36.7842, -43.1929, 23.8582



36.7842, -35.6493, -102.8739

Rectangle

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



36.7834, 73.5235, -66.1136



36.7842, 95.7565, 14.1747



36.7842, -43.1929, 23.8582



36.7842, -48.6947, -16.6356

Sweetspot

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



36.7842, 73.5223, -66.1116



77.2383, 31.5894, -24.4763



23.6375, 44.6271, -124.8107



34.3525, 17.1877, -13.4812

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7842, 73.5223, -66.1116



47.3155, 96.2880, -87.7096



37.9780, 68.5220, -10.4701



33.6481, 2.2754, -1.3761



29.2673, 59.4966, -53.7645



6.8127, 13.7448, -11.7047

Inverse Universe

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



35.8113, 60.5576, 20.6196



46.2420, 79.4572, 27.8154



65.4202, -53.1283, 33.3063



33.5239, 1.3650, 2.2785



28.5336, 49.0808, 16.7625



6.5456, 11.3868, 2.8551

Previews

White Background



This preview shows how the HunterLab color 36.7834, 73.5235, -66.1136 looks on a white background.

Color Contrast Check

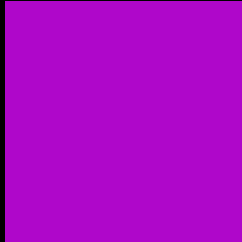
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7834, 73.5235, -66.1136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

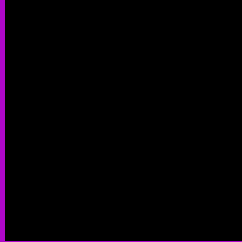
Any Text WCAG AA × Fail

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 36.7834, 73.5235, -66.1136 Background



This preview shows how black text looks on a background with the HunterLab color 36.7834, 73.5235, -66.1136.



This preview shows how white text looks on a background with the HunterLab color 36.7834, 73.5235, -66.1136.

-66.1136.

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

36.7834, 73.5235, -66.1136

Protanopia

37.5652, 13.4434, -75.9737

Deuteranopia

37.3348, 2.7039, -52.5022



Tritanopia

37.0424, 26.4094, 9.5317

Trichromacy



Original Color

36.7834, 73.5235, -66.1136

Protanomaly

31.1573, 35.0198, -94.9756

Deuteranomaly

30.5296, 28.0198, -78.6777

Tritanomaly

34.7909, 45.2509, -12.5728

Monochromacy



Original Color

36.7834, 73.5235, -66.1136

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.5297, 28.6613, -23.6025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7834, 73.5235, -66.1136 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(175, 7, 202)` looks like.

```
.text, #text, p{  
    color:rgb(175, 7, 202)  
}
```

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(175, 7, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 7, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7834, 73.5235, -66.1136 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(175, 7, 202) }
```


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

```
.border{ border-color:rgb(175, 7, 202) }
```

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

Here you see how a box with a 4 pixel rgb(175, 7, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 7, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 7, 202);  
box-shadow:4px 4px 4px 4px rgb(175, 7,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7834, 73.5235, -66.1136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 7, 202) }
```

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

```
.background{ background-color: rgb(175, 7,  
202) }
```

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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