

Converting Colors

HunterLab(23.5618, 46.9647,
-36.0485)

Have a look what the booklet for
HunterLab(23.5618, 46.9647,
-36.0485) contains.

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Color

**HunterLab(23.5618, 46.9647,
-36.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	780080
RGB	120, 0, 128
RGB Percent	47%, 0%, 50%
CMY	0.5294, 1.0000, 0.4980
CMYK	0.06, 1.00, 0.00, 0.50
HSL	296°, 100%, 25%
HSV	296°, 100%, 50%
XYZ	11.6420, 5.5516, 20.8801
YIQ	50.4720, 30.4320, 65.2480

Conversions

Conversions Part 2

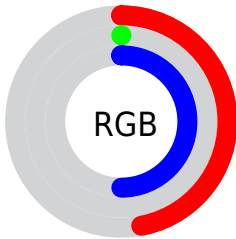
Format	Color
RYB	120, 0, 128
Decimal	7864448
CIELab	28.25, 57.57, -39.04
CIElCh	28, 69.558, 325.861
Yxy	5.5518, 0.3058, 0.1458
Android (android.graphics.Color)	4286054528 (0xFF780080)
YUV	50.4720, 38.2213, 60.9761
Hunter-Lab	23.5618, 46.9647, -36.0485

Details

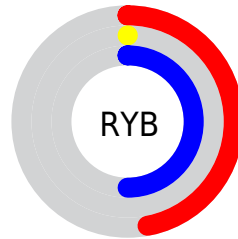
The HunterLab color **23.5618, 46.9647, -36.0485** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39.3575, -33.4115, 23.6666**, and the grayscale version is **17.8879, -0.9545, 0.9719**.

A 20% lighter version of the original color is **41.2163, 51.4649, -37.3643**, and **13.0702, 26.5915, -24.1768** is the 20% darker color. If you saturate the color by 10%, you get **23.5619, 46.9648, -36.0484**, and if you desaturate by 10%, it is **24.2736, 44.9938, -34.1377**.

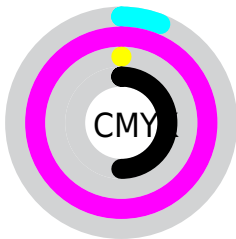
Distribution



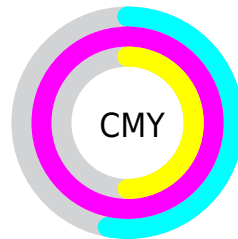
- Red (47%)
- Green (0%)
- Blue (50%)



- Red (47%)
- Yellow (0%)
- Blue (50%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5618, 46.9647, -36.0485 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 23.5618, 46.9647, -36.0485 by changing the saturation by 10% instead.

23.5618, 46.9647,
-36.0485

23.5618, 46.9647,
-36.0485

124.5077, 62.8784,
-41.1322

16.0454, 45.0215,
-36.2363

41.2237, 51.1103,
-36.9667

9.5597, 43.7539,
-37.9205

51.2128, 53.0931,
-37.6143

0.0000, INF, -NF

0.0000, NaN, -NF

61.8994, 54.9763,
-38.2784

0.0000, NaN, NaN

73.2405, 56.7550,
-38.9271

0.0000, NaN, NaN

85.2005, 58.4302,
-39.5437

0.0000, NaN, NaN

0.0000, NaN, NaN

97.7487, 60.0060,

-40.1193

110.8588, 61.4870,
-40.6494

23.5618, 46.9647,
-36.0485

23.5618, 46.9647,
-36.0485

23.5619, 46.9648,
-36.0484

24.2736, 44.9938,
-34.1377

25.2756, 42.1146,
-31.5931

26.7168, 37.9996,
-28.1929

28.5835, 32.9505,
-24.1713

30.8405, 27.3047,
-19.7793

■ 33.4431, 21.3499,
-15.2244

■ 36.3458, 15.2920,
-10.6503

■ 39.5067, 9.2602,
-6.1428

■ 42.8893, 3.3248,
-1.7451

Harmonies

Analogous

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



23.5623, 21.0130, -75.2637



23.5618, 46.9647, -36.0485



23.5623, 60.1498, -1.9219

Triad

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



23.5623, 46.9636, -36.0472



23.5623, 1.9817, 16.4936



23.5623, -29.1110, -25.0370

Complementary

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



23.5618, 46.9647, -36.0485



39.3575, -33.4115, 23.6666

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.



23.5623, -30.9363, 4.0919



23.5618, 46.9647, -36.0485



23.5623, -17.4613, 16.4936

Square

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



23.5623, 46.9636, -36.0472



23.5623, 28.6503, 16.4936



23.5623, -27.6297, 14.7916



23.5623, -21.1216, -65.6691

Rectangle

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



23.5618, 46.9647, -36.0485



23.5623, 57.2926, 10.0551



23.5623, -27.6297, 14.7916



23.5623, -30.2955, -13.1561

Sweetspot

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



23.5623, 46.9636, -36.0472



47.9472, 20.8509, -14.5525



13.2059, 30.8088, -83.0115



22.5228, 11.4706, -8.0816



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



23.5623, 46.9636, -36.0472



31.2271, 62.2644, -47.9371



22.5040, 40.6472, -1.8172



20.9742, 1.3579, -0.6582



23.4628, 46.7671, -35.8948

0.0000, NaN, NaN

Inverse Universe

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



21.4638, 36.8371, 13.2356



28.4652, 48.8274, 17.7753



39.6470, -31.4723, 18.3852



20.8525, 0.6404, 1.5645



21.3728, 36.6833, 13.1773

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.5618, 46.9647, -36.0485 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 23.5618, 46.9647, -36.0485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

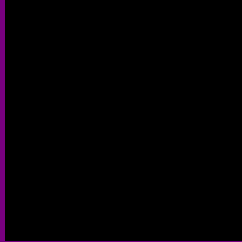
Any Text WCAG AA × Fail

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 23.5618, 46.9647, -36.0485 Background



This preview shows how black text looks on a background with the HunterLab color 23.5618, 46.9647, -36.0485.



This preview shows how white text looks on a background with the HunterLab color 23.5618, 46.9647, -36.0485.

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

23.5618, 46.9647, -36.0485

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.8070, 1.2613, -27.1616



Tritanopia

24.3455, 18.7050, 6.8296

Trichromacy



Original Color

23.5618, 46.9647, -36.0485

Protanomaly

20.2440, 21.7982, -57.5656

Deuteranomaly

20.8892, 19.5289, -39.9730

Tritanomaly

22.8134, 30.0352, -5.6481

Monochromacy



Original Color

23.5618, 46.9647, -36.0485

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.5469, 18.0540, -13.2261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5618, 46.9647, -36.0485 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(120, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 128)  
}
```

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(120, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5618, 46.9647, -36.0485 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(120, 0, 128) }
```


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

```
.border{ border-color:rgb(120, 0, 128) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5618, 46.9647, -36.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 128) }
```

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

```
.background{ background-color: rgb(120, 0,  
128) }
```

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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