

# Converting Colors

HunterLab(39.3518, 66.1450,  
-23.2632)

Have a look what the booklet for  
HunterLab(39.3518, 66.1450,  
-23.2632) contains.

<b>HunterLab(39.3484, 66.1866, -23.3364)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(39.3484, 66.1866,  
-23.3364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5229E
RGB	197, 34, 158
RGB Percent	77%, 13%, 62%
CMY	0.2274, 0.8666, 0.3804
CMYK	0.00, 0.83, 0.20, 0.23
HSL	314°, 71%, 45%
HSV	314°, 83%, 77%
XYZ	29.7695, 15.4830, 33.7672
YIQ	96.8730, 57.3440, 73.1200

# Conversions

## Conversions Part 2

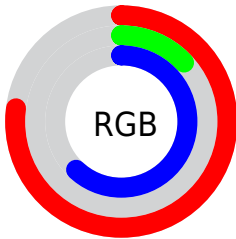
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 34, 158
Decimal	12919454
CIE <sub>Lab</sub>	46.29, 71.07, -27.98
CIE <sub>LCh</sub>	46, 76.379, 338.510
Yxy	15.4838, 0.3767, 0.1959
Android (android.graphics.Color)	4291109534 (0xFFC5229E)
YUV	96.8730, 30.1356, 87.8114
Hunter-Lab	39.3484, 66.1866, -23.3364

# Details

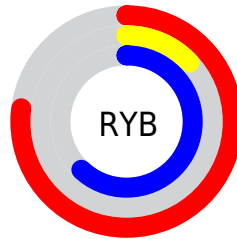
The HunterLab color **39.3484, 66.1866, -23.3364** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark muted rose. A complement of this color would be **63.8390, -50.6810, 32.5939**, and the grayscale version is **34.4053, -1.8358, 1.8693**.

A 20% lighter version of the original color is **59.3114, 70.1787, -25.1520**, and **25.5530, 47.8326, -15.0554** is the 20% darker color. If you saturate the color by 10%, you get **38.0819, 69.1037, -22.4382**, and if you desaturate by 10%, it is **41.3716, 60.9933, -22.9046**.

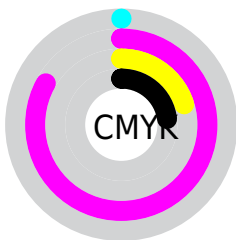
# Distribution



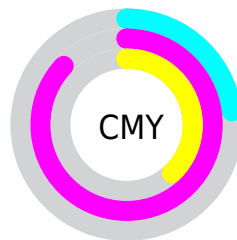
- Red (77%)
- Green (13%)
- Blue (62%)



- Red (77%)
- Yellow (13%)
- Blue (62%)



- Cyan (0%)
- Magenta (83%)
- Yellow (20%)
- Black (23%)



- Cyan (23%)
- Magenta (87%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3484, 66.1866, -23.3364 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 39.3484, 66.1866, -23.3364 by changing the saturation by 10% instead.



39.3484, 66.1866,  
-23.3364

39.3484, 66.1866,  
-23.3364

150.4247, 84.1577,  
-26.2826

30.2648, 63.8823,  
-22.7737

59.7492, 70.7670,  
-24.3647

22.0123, 61.7506,  
-22.2423

70.9649, 72.9549,  
-24.8034

14.6862, 60.1932,  
-21.8839

82.8059, 75.0524,  
-25.1859

8.3446, 61.3517,  
-22.4835

95.2409, 77.0558,  
-25.5119

0.0000, INF, -NF

0.0000, NaN, NaN

108.2426, 78.9653,  
-25.7827

0.0000, NaN, NaN

121.7874, 80.7833,

0.0000, NaN, NaN

-26.0001

135.8544, 82.5129,  
-26.1660

■ 39.3484, 66.1866,  
-23.3364

■ 39.3484, 66.1866,  
-23.3364

■ 38.0819, 69.1037,  
-22.4382

■ 41.3716, 60.9933,  
-22.9046

■ 37.5072, 70.0911,  
-21.1805

■ 44.1540, 53.9173,  
-21.2194

■ 47.6475, 45.5269,  
-18.4982

■ 51.7759, 36.3715,  
-15.0045

■ 56.4552, 26.8725,  
-10.9758

■ 61.6061, 17.3063,  
-6.5957

■ 67.1593, 7.8311,  
-1.9931

■ 73.0563, -1.4756,  
2.7471

■ 79.2493, -10.5858,  
7.5712

# Harmonies

## Analogous

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



39.3494, 40.0291, -68.2478



39.3484, 66.1866, -23.3364



39.3494, 71.5857, 9.3482

# Triad

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



39.3494, 66.1837, -23.3348



39.3494, -10.1834, 27.0946



39.3494, -37.4965, -48.7555

# Complementary

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



39.3484, 66.1866, -23.3364



63.8390, -50.6810, 32.5939

# 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.



39.3494, -44.0829, -6.7528



39.3484, 66.1866, -23.3364



39.3494, -31.6647, 25.3287

# Square

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



39.3494, 66.1837, -23.3348



39.3494, 21.0207, 26.6239



39.3494, -42.3212, 17.2730



39.3494, -20.8739, -89.0236



# Rectangle

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



39.3484, 66.1866, -23.3364



39.3494, 61.5221, 20.2237



39.3494, -42.3212, 17.2730



39.3494, -40.6948, -33.5039

# Sweetspot

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



39.3494, 66.1837, -23.3348



80.5648, 26.5464, -10.4145



25.6034, 48.1002, -105.7049



36.1293, 14.3954, -5.7902

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



39.3494, 66.1837, -23.3348



50.2365, 93.5548, -28.0567



36.8208, 56.5400, 12.2305



32.8200, 2.2302, -0.1989



30.4412, 56.9242, -17.4822



6.7049, 12.6734, -4.9006



# Inverse Universe

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



39.3494, 66.1837, -23.3348



50.2365, 93.5548, -28.0567



65.2615, -41.9432, 11.8884



32.8200, 2.2302, -0.1989



30.4412, 56.9242, -17.4822



6.7049, 12.6734, -4.9006



# Previews

## White Background



This preview shows how the HunterLab color 39.3484, 66.1866, -23.3364 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

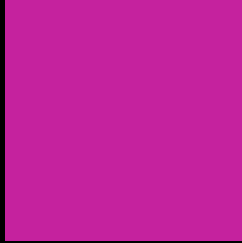
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.3484, 66.1866, -23.3364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

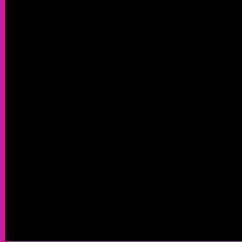
Any Text WCAG AA × Fail

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 39.3484, 66.1866, -23.3364 Background



This preview shows how black text looks on a background with the HunterLab color 39.3484, 66.1866, -23.3364.



This preview shows how white text looks on a background with the HunterLab color 39.3484, 66.1866, -23.3364.

-23.3364.

# 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

39.3484, 66.1866, -23.3364

### Protanopia

40.0389, 13.4536, -71.2946

### Deuteranopia

39.7700, 2.8841, -17.8331



## Tritanopia

39.4326, 41.7709, 15.8112

# Trichromacy



## Original Color

39.3484, 66.1866, -23.3364



## Protanomaly

35.1949, 29.5715, -64.7720



## Deuteranomaly

36.6776, 26.7074, -24.9517



## Tritanomaly

38.9167, 50.4840, 5.3144

# Monochromacy



## Original Color

39.3484, 66.1866, -23.3364



## Achromatopsia

34.5743, -1.8448, 1.8785



## Achromatomaly

33.4903, 23.7464, -9.8454

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.3484, 66.1866, -23.3364 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(197, 34, 158)` looks like.

```
.text, #text, p{  
    color:rgb(197, 34, 158)  
}
```

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(197, 34, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 34, 158) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.3484, 66.1866, -23.3364 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(197, 34, 158) }
```



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

```
.border{ border-color:rgb(197, 34, 158) }
```

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

Here you see how a box with a 4 pixel rgb(197, 34, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 34, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 34, 158);  
box-shadow:4px 4px 4px 4px rgb(197, 34,  
158) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.3484, 66.1866, -23.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 34, 158) }
```

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

```
.background{ background-color: rgb(197, 34,  
158) }
```

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