

# Converting Colors

HunterLab(42.2064, 61.9898,  
4.0709)

Have a look what the booklet for  
HunterLab(42.2064, 61.9898,  
4.0709) contains.

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# Color

**HunterLab(42.3139, 62.1020,  
4.0089)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D73174
RGB	215, 49, 116
RGB Percent	84%, 19%, 45%
CMY	0.1569, 0.8078, 0.5451
CMYK	0.00, 0.77, 0.46, 0.16
HSL	336°, 67%, 52%
HSV	336°, 77%, 84%
XYZ	32.2750, 17.9047, 18.2779
YIQ	106.2720, 77.4290, 56.0290

# Conversions

## Conversions Part 2

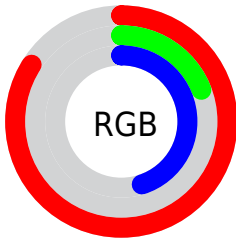
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 49, 116
Decimal	14102900
CIE Lab	49.38, 67.01, 2.40
CIE LCh	49, 67.057, 2.050
Yxy	17.9057, 0.4715, 0.2616
Android (android.graphics.Color)	4292292980 (0xFFD73174)
YUV	106.2720, 4.7959, 95.3545
Hunter-Lab	42.3139, 62.1020, 4.0089

# Details

The HunterLab color **42.3139, 62.1020, 4.0089** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **71.6886, -48.4815, 20.1499**, and the grayscale version is **38.0316, -2.0293, 2.0663**.

A 20% lighter version of the original color is **59.5450, 57.6509, 0.8134**, and **26.9951, 47.7760, 5.4594** is the 20% darker color. If you saturate the color by 10%, you get **40.2957, 66.2960, 7.0414**, and if you desaturate by 10%, it is **45.2460, 55.7313, 1.7212**.

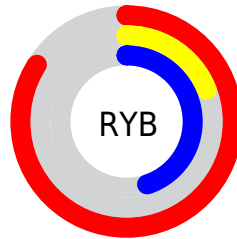
# Distribution



Red (84%)

Green (19%)

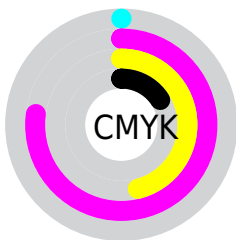
Blue (45%)



Red (84%)

Yellow (19%)

Blue (45%)

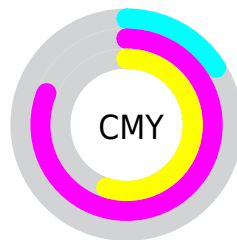


Cyan (0%)

Magenta (77%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (81%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3139, 62.1020, 4.0089 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 42.3139, 62.1020, 4.0089 by changing the saturation by 10% instead.



42.3139, 62.1020,  
4.0089

42.3139, 62.1020,  
4.0089

155.0287, 78.8353,  
11.1025

32.9883, 59.8440,  
3.3604

63.1479, 66.4568,  
5.3975

24.4699, 57.6482,  
2.7405

74.5606, 68.5065,  
6.1339

16.8453, 55.7551,  
2.1498

86.5884, 70.4595,  
6.8977

10.2350, 54.9001,  
1.5850

99.2013, 72.3159,  
7.6882

0.0000, INF, NaN

0.0000, INF, NaN

112.3733, 74.0779,  
8.5046

0.0000, NaN, NaN

126.0817, 75.7492,

0.0000, NaN, NaN

9.3462

0.0000, NaN, NaN

140.3062, 77.3336,  
10.2124

■ 42.3139, 62.1020,  
4.0089

■ 42.3139, 62.1020,  
4.0089

■ 40.2957, 66.2960,  
7.0414

■ 45.2460, 55.7313,  
1.7212

■ 39.1431, 68.0780,  
10.5402


■ 49.0366, 47.8099,  
0.2788

■ 38.8991, 68.3750,  
11.4986


■ 53.5918, 38.9732,  
-0.3447


■ 58.8042, 29.7201,  
-0.2495

■ 64.5727, 20.3736,  
0.4416

 70.8098, 11.1140,  
1.6127

 77.4434, 2.0254,  
3.1665

 84.4151, -6.8643,  
5.0258

 91.6785, -15.5579,  
7.1307

# Harmonies

## Analogous

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



42.3151, 53.1912, -27.5090



42.3139, 62.1020, 4.0089



42.3151, 50.5256, 20.8659

# Triad

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



42.3151, 62.0980, 4.0101



42.3151, -26.1654, 26.2912



42.3151, -23.7007, -67.3526

# Complementary

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



42.3139, 62.1020, 4.0089



71.6886, -48.4815, 20.1499

# 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.



42.3151, -37.5253, -32.5914



42.3139, 62.1020, 4.0089



42.3151, -38.6810, 19.3741

# Square

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



42.3151, 62.0980, 4.0101



42.3151, -4.0774, 27.7989



42.3151, -42.2614, 0.5224



42.3151, -0.4116, -81.1172



# Rectangle

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



42.3139, 62.1020, 4.0089



42.3151, 34.0925, 25.5323



42.3151, -42.2614, 0.5224



42.3151, -29.3892, -56.9897

# Sweetspot

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



42.3151, 62.0980, 4.0101



81.2812, 20.2236, 1.0385



36.3320, 60.1775, -81.4730



36.3526, 11.2602, 0.2657

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.3151, 62.0980, 4.0101



47.8462, 82.1585, 11.3571



42.6694, 52.2836, 23.1685



35.3596, 1.8727, 1.3007



30.1167, 53.0003, 8.4174



7.5048, 13.4124, 0.5075



# Inverse Universe

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



42.3151, 62.0980, 4.0101



47.8462, 82.1585, 11.3571



68.8556, -31.1674, -13.4756



35.3596, 1.8727, 1.3007



30.1167, 53.0003, 8.4174



7.5048, 13.4124, 0.5075



# Previews

## White Background



This preview shows how the HunterLab color 42.3139, 62.1020, 4.0089 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

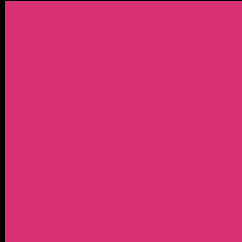
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.3139, 62.1020, 4.0089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

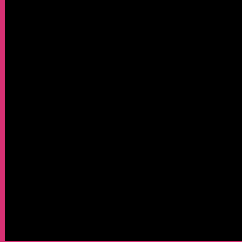
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 42.3139, 62.1020, 4.0089 Background



This preview shows how black text looks on a background with the HunterLab color 42.3139, 62.1020, 4.0089.



This preview shows how white text looks on a background with the HunterLab color 42.3139, 62.1020,



# 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

42.3139, 62.1020, 4.0089

### Protanopia

42.7519, 2.2677, -16.6231

### Deuteranopia

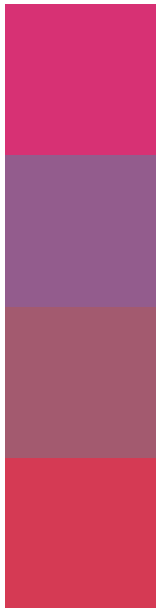
42.5487, 2.7187, 6.4963



## Tritanopia

42.3620, 51.9071, 19.7981

# Trichromacy



## Original Color

42.3139, 62.1020, 4.0089

## Protanomaly

39.7246, 23.3501, -12.7237

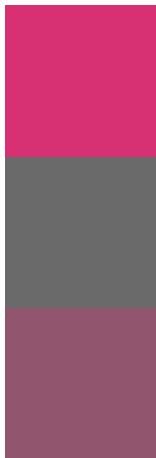
## Deuteranomaly

40.3070, 25.2499, 3.1574

## Tritanomaly

42.2047, 55.3660, 15.1927

# Monochromacy



## Original Color

42.3139, 62.1020, 4.0089

## Achromatopsia

37.9643, -2.0257, 2.0627

## Achromatomaly

37.0591, 21.4462, -0.3900

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.3139, 62.1020, 4.0089 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(215, 49, 116)` looks like.

```
.text, #text, p{  
    color:rgb(215, 49, 116)  
}
```

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(215, 49, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 49, 116) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.3139, 62.1020, 4.0089 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(215, 49, 116) }
```



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

```
.border{ border-color:rgb(215, 49, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 49, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 49, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 49, 116);  
box-shadow:4px 4px 4px 4px rgb(215, 49,  
116) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.3139, 62.1020, 4.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 49, 116) }
```

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

```
.background{ background-color: rgb(215, 49,  
116) }
```

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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