

# Converting Colors

HunterLab(64.4405, 25.3668,  
-5.2183)

Have a look what the booklet for  
HunterLab(64.4405, 25.3668,  
-5.2183) contains.

<b>HunterLab(64.5013, 25.5160, -5.1158)</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(64.5013, 25.5160,  
-5.1158)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB99BF
RGB	219, 153, 191
RGB Percent	86%, 60%, 75%
CMY	0.1412, 0.4000, 0.2510
CMYK	0.00, 0.30, 0.13, 0.14
HSL	325°, 48%, 73%
HSV	325°, 30%, 86%
XYZ	50.0087, 41.6042, 54.6849
YIQ	177.0660, 27.1380, 25.8100

# Conversions

## Conversions Part 2

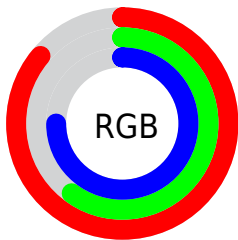
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 153, 191
Decimal	14391743
CIE Lab	70.60, 30.38, -9.67
CIE LCh	71, 31.886, 342.347
Yxy	41.6061, 0.3418, 0.2844
Android (android.graphics.Color)	4292581823 (0xFFDB99BF)
YUV	177.0660, 6.8695, 36.7761
Hunter-Lab	64.5013, 25.5160, -5.1158

# Details

The HunterLab color  $64.5013, 25.5160, -5.1158$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $77.9569, -29.2409, 14.2744$ , and the grayscale version is  $66.2998, -3.5376, 3.6022$ .

A 20% lighter version of the original color is  $85.4910, 18.6459, -8.0214$ , and  $43.5073, 23.7454, -5.5425$  is the 20% darker color. If you saturate the color by 10%, you get  $58.8953, 35.6158, -7.4798$ , and if you desaturate by 10%, it is  $70.6167, 15.4076, -2.2461$ .

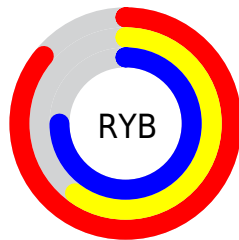
# Distribution



Red (86%)

Green (60%)

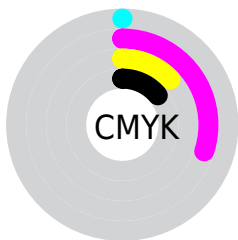
Blue (75%)



Red (86%)

Yellow (60%)

Blue (75%)

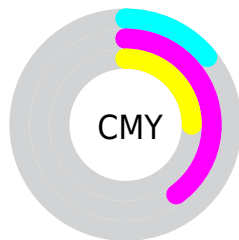


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (14%)



Cyan (14%)

Magenta (40%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5013, 25.5160, -5.1158 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 64.5013, 25.5160, -5.1158 by changing the saturation by 10% instead.



64.5013, 25.5160,  
-5.1158

64.5013, 25.5160,  
-5.1158

187.8423, 29.6741,  
-1.6991

53.6591, 24.6521,  
-5.2587

88.0926, 26.9491,  
-4.6614

43.5020, 23.6807,  
-5.3411

100.7749, 27.5399,  
-4.3609

34.0816, 22.5873,  
-5.3548

114.0134, 28.0553,  
-4.0155

25.4607, 21.3590,  
-5.2916

127.7856, 28.5009,  
-3.6280

17.7218, 19.9880,  
-5.1419

142.0716, 28.8816,  
-3.2007

10.9799, 18.4964,  
-4.8978

156.8535, 29.2017,

2.5740, 51.3003,

-2.7356

-15.4316

172.1153, 29.4647,  
-2.2345

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5013, 25.5160,  
-5.1158

■ 64.5013, 25.5160,  
-5.1158

■ 58.8953, 35.6158,  
-7.4798

■ 70.6167, 15.4076,  
-2.2461

■ 53.8850, 45.4630,  
-9.1769

■ 77.1602, 5.4304,  
0.9977

■ 49.5732, 54.6437,  
-10.0098

■ 84.0700, -4.3602,  
4.5237

■ 46.0598, 62.5769,  
-9.7832

■ 91.2953, -13.9500,  
8.2650

■ 43.4226, 68.5933,

■ 96.2920, -19.6061,

-8.3677

9.4419

■ 41.6838, 72.1528,  
-5.7870

■ 96.5817, -17.9782,  
5.3032

■ 40.7048, 73.4142,  
-2.4259

■ 96.8505, -16.4719,  
1.4734

# Harmonies

## Analogous

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



64.5028, 16.5545, -19.4823



64.5013, 25.5160, -5.1158



64.5028, 26.3009, 8.9593

# Triad

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



64.5028, 25.5137, -5.1144



64.5028, -9.3332, 24.5136



64.5028, -22.8915, -17.1693

# Complementary

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



64.5013, 25.5160, -5.1158



77.9569, -29.2409, 14.2744

# 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.



64.5028, -28.6189, -2.4582



64.5013, 25.5160, -5.1158



64.5028, -21.2706, 20.2801

# Square

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



64.5028, 25.5137, -5.1144



64.5028, 5.2817, 24.1107



64.5028, -28.0532, 11.0887



64.5028, -11.7314, -27.4356



# Rectangle

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



64.5013, 25.5160, -5.1158



64.5028, 21.9989, 16.2164



64.5028, -28.0532, 11.0887



64.5028, -25.4695, -12.4563

# Sweetspot

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



64.5028, 25.5137, -5.1144



92.5257, 5.2106, 1.6143



61.3699, 18.0162, -26.6159



42.2623, 3.2078, 0.4720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.5028, 25.5137, -5.1144



72.4472, 37.7396, -7.8938



63.5063, 20.4657, 9.0772



36.2996, 2.2152, 0.5782



31.3795, 56.6601, -2.3718



8.0934, 14.8053, -2.0973



# Inverse Universe

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



64.5028, 25.5137, -5.1144



72.4472, 37.7396, -7.8938



78.9088, -23.7553, 0.6567



36.2996, 2.2152, 0.5782



31.3795, 56.6601, -2.3718

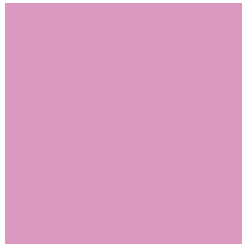


8.0934, 14.8053, -2.0973



# Previews

## White Background



This preview shows how the HunterLab color 64.5013, 25.5160, -5.1158 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

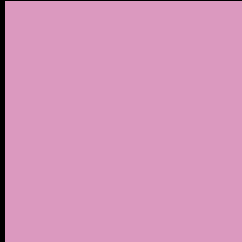
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.5013, 25.5160, -5.1158 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 ✓ Pass

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

## HunterLab 64.5013, 25.5160, -5.1158 Background



This preview shows how black text looks on a background with the HunterLab color 64.5013, 25.5160, -5.1158.



This preview shows how white text looks on a background with the HunterLab color 64.5013, 25.5160, -5.1158.

-5.1158.

# 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

64.5013, 25.5160, -5.1158

### Protanopia

64.8323, 0.7164, -11.7080

### Deuteranopia

64.5782, 4.7612, -3.8049



## Tritanopia

64.4806, 18.7554, 5.5464

# Trichromacy



## Original Color

64.5013, 25.5160, -5.1158

## Protanomaly

64.3994, 9.2963, -9.9005

## Deuteranomaly

64.5014, 11.7861, -4.3025

## Tritanomaly

64.5778, 20.8808, 1.9691

# Monochromacy



## Original Color

64.5013, 25.5160, -5.1158

## Achromatopsia

66.3066, -3.5380, 3.6026

## Achromatomaly

65.2603, 6.6474, 0.1223

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.5013, 25.5160, -5.1158 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(219, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(219, 153, 191)  
}
```

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(219, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 153, 191) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.5013, 25.5160, -5.1158 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(219, 153, 191) }
```



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

```
.border{ border-color:rgb(219, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(219, 153,  
191) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.5013, 25.5160, -5.1158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 153, 191) }
```

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

```
.background{ background-color: rgb(219,  
153, 191) }
```

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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