

# Converting Colors

HunterLab(41.2656, 57.6385,  
-18.7539)

Have a look what the booklet for  
HunterLab(41.2656, 57.6385,  
-18.7539) contains.

<b>HunterLab(41.2656, 57.6385, -18.7539)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(41.2656, 57.6385,  
-18.7539)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C33A9C
RGB	195, 58, 156
RGB Percent	76%, 23%, 61%
CMY	0.2353, 0.7725, 0.3882
CMYK	0.00, 0.70, 0.20, 0.24
HSL	317°, 54%, 50%
HSV	317°, 70%, 76%
XYZ	30.0195, 17.0285, 33.1571
YIQ	110.1350, 50.1940, 59.5220

# Conversions

## Conversions Part 2

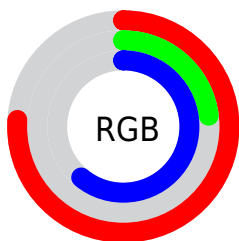
Format	Color
<a href="#">RYB</a>	<a href="#">195, 58, 156</a>
Decimal	<a href="#">12794524</a>
CIELab	<a href="#">48.30, 63.37, -23.70</a>
CIELCh	<a href="#">48, 67.653, 339.494</a>
Yxy	<a href="#">17.0294, 0.3743, 0.2123</a>
Android (android.graphics.Color)	<a href="#">4290984604</a> ( <a href="#">0xFFC33A9C</a> )
YUV	<a href="#">110.1350, 22.6114, 74.4266</a>
Hunter-Lab	<a href="#">41.2656, 57.6385, -18.7539</a>

# Details

The HunterLab color **41.2656, 57.6385, -18.7539** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **63.8697, -46.3228, 28.0452**, and the grayscale version is **39.4435, -2.1046, 2.1430**.

A 20% lighter version of the original color is **62.0112, 62.0127, -19.6269**, and **25.1353, 47.0213, -14.5815** is the 20% darker color. If you saturate the color by 10%, you get **39.0353, 63.1853, -18.9549**, and if you desaturate by 10%, it is **44.2425, 50.3798, -17.3850**.

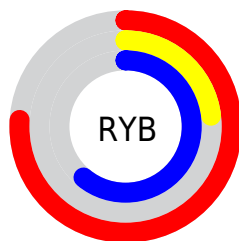
# Distribution



Red (76%)

Green (23%)

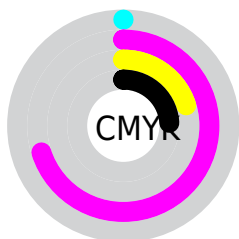
Blue (61%)



Red (76%)

Yellow (23%)

Blue (61%)

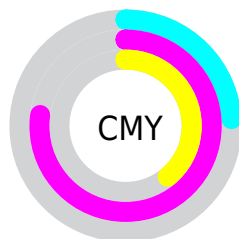


Cyan (0%)

Magenta (70%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (77%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2656, 57.6385, -18.7539 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 41.2656, 57.6385, -18.7539 by changing the saturation by 10% instead.



 41.2656, 57.6385, -18.7539	 41.2656, 57.6385, -18.7539
---	---

153.4084, 73.5125, -20.5452	 32.0241, 55.4472, -18.2680
--------------------------------	---


 61.9486, 61.8252, -19.5548	 23.5980, 53.2919, -17.7529
---	---

 73.2926, 63.7804, -19.8645	 16.0767, 51.3970, -17.2728
---	---

 85.2552, 65.6358, -20.1140	 9.5861, 50.4730, -17.0436
---	--

 97.8060, 67.3928, -20.3057	0.0000, INF, -NF
---	------------------

	0.0000, NaN, NaN
--	------------------

 110.9185, 69.0547, -20.4421	0.0000, NaN, NaN
--	------------------

124.5697, 70.6257,	0.0000, NaN, NaN
--------------------	------------------

-20.5258

138.7391, 72.1102,  
-20.5594

■ 41.2656, 57.6385,  
-18.7539

■ 41.2656, 57.6385,  
-18.7539

■ 39.0353, 63.1853,  
-18.9549

■ 44.2425, 50.3798,  
-17.3850

■ 37.5624, 66.5723,  
-17.9068


■ 47.9028, 41.9913,  
-15.0592


■ 36.7158, 67.9926,  
-15.9313


■ 52.1671, 32.9811,  
-12.0118


■ 56.9520, 23.7207,  
-8.4527

■ 62.1810, 14.4437,  
-4.5435

 67.7884, 5.2782,  
-0.3990

 73.7198, -3.7169,  
3.9035

 79.9304, -12.5240,  
8.3132

 86.3843, -21.1480,  
12.7977

# Harmonies

## Analogous

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



41.2666, 35.7292, -55.8999



41.2656, 57.6385, -18.7539



41.2666, 61.5181, 9.5085

# Triad

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



41.2666, 57.6358, -18.7524



41.2666, -10.3251, 27.2060



41.2666, -34.7849, -42.3709

# Complementary

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



41.2656, 57.6385, -18.7539



63.8697, -46.3228, 28.0452

# 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.



41.2666, -41.5755, -6.6355



41.2656, 57.6385, -18.7539



41.2666, -30.0122, 24.9416

# Square

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



41.2666, 57.6358, -18.7524



41.2666, 17.3365, 26.7921



41.2666, -40.0840, 15.9397



41.2666, -18.6729, -74.5245



# Rectangle

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



41.2656, 57.6385, -18.7539



41.2666, 52.5772, 19.7668



41.2666, -40.0840, 15.9397



41.2666, -38.0210, -29.7038

# Sweetspot

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



41.2666, 57.6358, -18.7524



82.4393, 20.6570, -6.6592



30.8199, 40.3233, -79.6266



37.6379, 11.3005, -3.8187

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



41.2666, 57.6358, -18.7524



51.1205, 87.2337, -24.8652



39.1516, 48.9654, 11.1028



31.9328, 2.0905, -0.0104



29.6253, 54.9058, -13.1934



6.2496, 11.7388, -3.9939



# Inverse Universe

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



41.2666, 57.6358, -18.7524



51.1205, 87.2337, -24.8652



65.3134, -37.5533, 7.1357



31.9328, 2.0905, -0.0104



29.6253, 54.9058, -13.1934



6.2496, 11.7388, -3.9939



# Previews

## White Background



This preview shows how the HunterLab color 41.2656, 57.6385, -18.7539 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

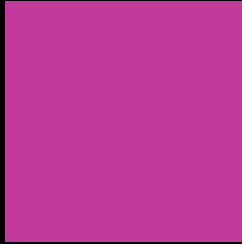
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 41.2656, 57.6385, -18.7539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

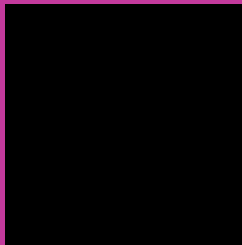
Any Text WCAG AA × Fail

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 41.2656, 57.6385, -18.7539 Background



This preview shows how black text looks on a background with the HunterLab color 41.2656, 57.6385, -18.7539.



This preview shows how white text looks on a background with the HunterLab color 41.2656, 57.6385, -18.7539.



# 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

41.2656, 57.6385, -18.7539

### Protanopia

41.9025, 9.2744, -51.3356

### Deuteranopia

41.4724, 2.9903, -14.4464



## Tritanopia

41.2927, 37.4611, 14.0570

# Trichromacy



## Original Color

41.2656, 57.6385, -18.7539



## Protanomaly

39.0928, 24.3325, -44.2613



## Deuteranomaly

39.5456, 22.4949, -19.1346



## Tritanomaly

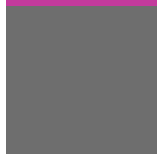
40.8762, 44.4220, 4.5682

# Monochromacy



## Original Color

41.2656, 57.6385, -18.7539



## Achromatopsia

39.4875, -2.1070, 2.1454



## Achromatomaly

38.3108, 19.4149, -7.1270

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.2656, 57.6385, -18.7539 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(195, 58, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 58, 156)  
}
```

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(195, 58, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 58, 156) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.2656, 57.6385, -18.7539 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(195, 58, 156) }
```



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

```
.border{ border-color:rgb(195, 58, 156) }
```

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

Here you see how a box with a 4 pixel rgb(195, 58, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 58, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 58, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 58,  
156) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.2656, 57.6385, -18.7539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 58, 156) }
```

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

```
.background{ background-color: rgb(195, 58,  
156) }
```

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