

# Converting Colors

RGB(145, 142, 188)

Have a look what the booklet for  
RGB(145, 142, 188) contains.

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# **Color**

**RGB(145, 142, 188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	918EBC
RGB	145, 142, 188
RGB Percent	57%, 56%, 74%
CMY	0.4314, 0.4431, 0.2627
CMYK	0.23, 0.24, 0.00, 0.26
HSL	244°, 26%, 65%
HSV	244°, 24%, 74%
XYZ	30.4272, 28.9966, 51.5702
YIQ	148.1410, -12.9780, 14.9420

# Conversions

## Conversions Part 2

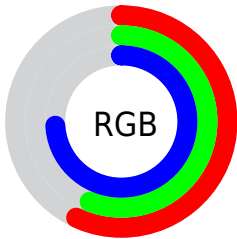
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 142, 188
Decimal	9539260
CIE <sub>Lab</sub>	60.78, 11.10, -23.52
CIE <sub>LCh</sub>	61, 26.009, 295.259
Yxy	28.9966, 0.2741, 0.2612
Android (android.graphics.Color)	4287729340 (0xFF918EBC)
YUV	148.1410, 19.6505, -2.7547
Hunter-Lab	53.8485, 6.6268, -19.0875

# Details

The RGB color **145, 142, 188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **185, 188, 142**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **199, 196, 244**, and **94, 92, 135** is the 20% darker color. If you saturate the color by 10%, you get **127, 123, 188**, and if you desaturate by 10%, it is **163, 161, 188**.

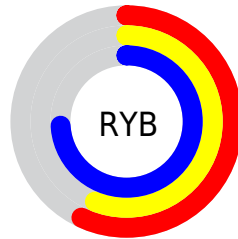
# Distribution



Red (57%)

Green (56%)

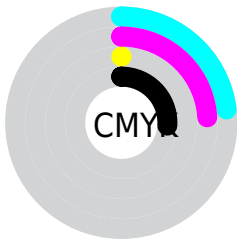
Blue (74%)



Red (57%)

Yellow (56%)

Blue (74%)

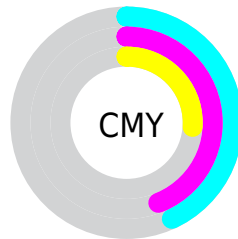


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (44%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 145, 142, 188 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 RGB color 145, 142, 188 by changing the saturation by 10% instead.



 145, 142, 188


255, 255, 255

 199, 196, 244

 228, 224, 255

 255, 252, 255

 145, 142, 188


 119, 116, 161

 94, 92, 135

 69, 68, 109

 45, 46, 85

 22, 26, 61


 1, 0, 40

 0, 1, 17

 0, 0, 0

 145, 142, 188

 145, 142, 188

 127, 123, 188

 163, 161, 188

 110, 104, 188

 180, 180, 188

 92, 86, 188

 198, 198, 188

 75, 67, 188

 215, 217, 188

 57, 48, 188

 233, 236, 188

 40, 29, 188

 250, 255, 188

 22, 10, 188

 255, 255, 188

 12, 0, 188

# Harmonies

## Analogous

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



112, 150, 192



145, 142, 188



173, 134, 173

# Triad

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



145, 142, 188



184, 136, 110



91, 159, 142

# Complementary

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



145, 142, 188



185, 188, 142

# 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.



116, 156, 120



145, 142, 188



166, 144, 101

# Square

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



145, 142, 188



193, 131, 128



143, 151, 105



75, 159, 165

# Rectangle

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



145, 142, 188



185, 131, 159



143, 151, 105



99, 159, 134



# Sweetspot

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



145, 142, 188



229, 228, 245



142, 186, 188



113, 113, 122



250, 250, 250



122, 122, 122



# Same Dimension

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



145, 142, 188



178, 174, 245



167, 142, 188



86, 85, 94



10, 0, 158



2, 0, 31



# Inverse Universe

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



188, 142, 185



245, 174, 240



163, 188, 142



94, 85, 94



158, 0, 148



31, 0, 29



# Previews

## White Background



This preview shows how the RGB color 145, 142, 188 looks on a white background.

## Color Contrast Check

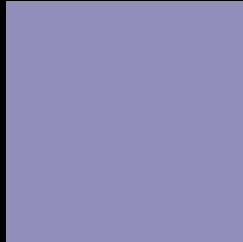
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 145, 142, 188 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](#).



## RGB 145, 142, 188 Background



This preview shows how black text looks on a background with the RGB color 145, 142, 188.



This preview shows how white text looks on a background with the RGB color 145, 142, 188.

# 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**  
145, 142, 188

**Protanopia**  
135, 145, 190

**Deuteranopia**  
139, 144, 188



**Tritanopia**  
140, 147, 159

# Trichromacy



**Original Color**

145, 142, 188

**Protanomaly**

139, 144, 189

**Deuteranomaly**

141, 143, 188

**Tritanomaly**

142, 145, 170

# Monochromacy



**Original Color**

145, 142, 188

**Achromatopsia**

148, 148, 148

**Achromatomaly**

147, 146, 163

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 145, 142, 188 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(145, 142, 188) looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 188)  
}
```

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(145, 142, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 188) }
```

## Border

The CSS property to change the border of an element to RGB 145, 142, 188 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(145, 142, 188) }
```

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

```
.border{ border-color:rgb(145, 142, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 142, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 188);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
188) }
```

# Background

The CSS property to change the background color of an element to RGB 145, 142, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 188) }
```

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

```
.background{ background-color: rgb(145,  
142, 188) }
```

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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