

# Converting Colors

RGB(145, 128, 164)

Have a look what the booklet for  
RGB(145, 128, 164) contains.

<b>RGB(145, 128, 164)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(145, 128, 164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9180A4
RGB	145, 128, 164
RGB Percent	57%, 50%, 64%
CMY	0.4314, 0.4980, 0.3569
CMYK	0.12, 0.22, 0.00, 0.36
HSL	268°, 17%, 57%
HSV	268°, 22%, 64%
XYZ	26.0971, 24.1384, 38.4057
YIQ	137.1870, -1.4240, 14.8000

# Conversions

## Conversions Part 2

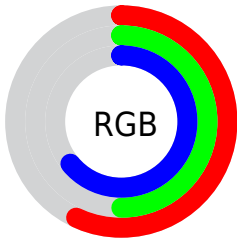
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 128, 164</a>
Decimal	<a href="#">9535652</a>
CIELab	<a href="#">56.23, 13.66, -16.78</a>
CIELCh	<a href="#">56, 21.639, 309.141</a>
Yxy	<a href="#">24.1384, 0.2944, 0.2723</a>
Android (android.graphics.Color)	<a href="#">4287725732</a> ( <a href="#">0xFF9180A4</a> )
YUV	<a href="#">137.1870, 13.2188, 6.8520</a>
Hunter-Lab	<a href="#">49.1309, 8.8356, -11.9555</a>

# Details

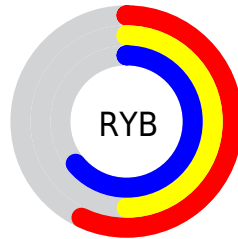
The RGB color **145, 128, 164** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **147, 164, 128**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **199, 181, 219**, and **94, 79, 112** is the 20% darker color. If you saturate the color by 10%, you get **136, 112, 164**, and if you desaturate by 10%, it is **154, 144, 164**.

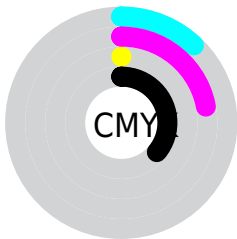
# Distribution



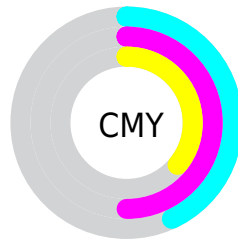
- Red (57%)
- Green (50%)
- Blue (64%)



- Red (57%)
- Yellow (50%)
- Blue (64%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (50%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 145, 128, 164 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, 128, 164 by changing the saturation by 10% instead.



 145, 128, 164

255, 255, 255

 199, 181, 219

 227, 208, 248

 255, 237, 255

 145, 128, 164

 119, 103, 138

 94, 79, 112

 70, 56, 88

 47, 34, 64

 26, 14, 42

 0, 1, 21

 0, 0, 0

 145, 128, 164

 136, 112, 164

 145, 128, 164

 154, 144, 164

128, 95, 164

162, 161, 164

119, 79, 164

171, 177, 164

110, 62, 164

180, 194, 164

102, 46, 164

188, 210, 164

93, 30, 164

197, 226, 164

84, 13, 164

206, 243, 164

77, 0, 164

214, 255, 164

223, 255, 164

# Harmonies

## Analogous

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



120, 135, 172



145, 128, 164



164, 123, 149

# Triad

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



145, 128, 164



160, 129, 100



83, 145, 140

# Complementary

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



145, 128, 164



147, 164, 128

# 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.



100, 144, 121



145, 128, 164



143, 135, 98

# Square

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



145, 128, 164



171, 124, 112



122, 141, 105



80, 144, 158

# Rectangle

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



145, 128, 164



171, 121, 136



122, 141, 105



88, 145, 134



# Sweetspot

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



145, 128, 164



206, 199, 214



128, 147, 164



103, 99, 107



235, 235, 235



107, 107, 107



# Same Dimension

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



145, 128, 164



185, 159, 214



163, 128, 164



77, 73, 82



69, 0, 145



8, 0, 18



# Inverse Universe

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



164, 128, 147



214, 159, 188



129, 164, 128



82, 73, 78



145, 0, 77

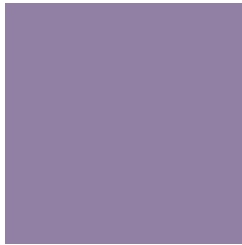


18, 0, 9



# Previews

## White Background



This preview shows how the RGB color 145, 128, 164 looks on a white background.

## Color Contrast Check

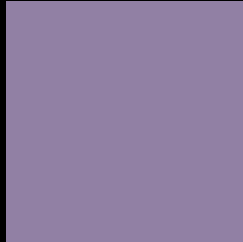
Large Text (above 18pt) WCAG AA ✓ Pass

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, 128, 164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

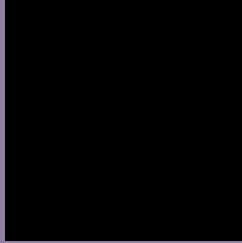
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 145, 128, 164 Background



This preview shows how black text looks on a background with the RGB color 145, 128, 164.



This preview shows how white text looks on a background with the RGB color 145, 128, 164.

# 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**

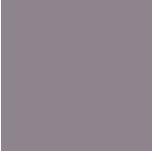
145, 128, 164

**Protanopia**

127, 134, 168

**Deuteranopia**

134, 132, 163



**Tritanopia**  
141, 132, 142

# Trichromacy



## Original Color

145, 128, 164

## Protanomaly

134, 132, 167

## Deuteranomaly

138, 131, 163

## Tritanomaly

142, 131, 150

# Monochromacy



## Original Color

145, 128, 164

## Achromatopsia

137, 137, 137

## Achromatomaly

140, 134, 147

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 145, 128, 164 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, 128, 164)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 164)  
}
```

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, 128, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 164) }
```

## Border

The CSS property to change the border of an element to RGB 145, 128, 164 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, 128, 164) }
```

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

```
.border{ border-color:rgb(145, 128, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 128, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 164);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
164) }
```

# Background

The CSS property to change the background color of an element to RGB 145, 128, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 164) }
```

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

```
.background{ background-color: rgb(145,  
128, 164) }
```

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