

# Converting Colors

RGB(134, 113, 163)

Have a look what the booklet for  
RGB(134, 113, 163) contains.

<b>RGB(134, 113, 163)</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(134, 113, 163)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8671A3
RGB	134, 113, 163
RGB Percent	53%, 44%, 64%
CMY	0.4745, 0.5569, 0.3608
CMYK	0.18, 0.31, 0.00, 0.36
HSL	265°, 21%, 54%
HSV	265°, 31%, 64%
XYZ	22.3475, 19.5229, 37.2408
YIQ	124.9790, -3.5340, 20.0020

# Conversions

## Conversions Part 2

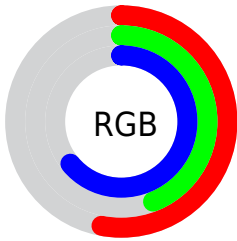
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 113, 163
Decimal	8810915
CIELab	51.29, 18.54, -23.84
CIELCh	51, 30.207, 307.874
Yxy	19.5229, 0.2825, 0.2468
Android (android.graphics.Color)	4287000995 (0xFF8671A3)
YUV	124.9790, 18.7444, 7.9114
Hunter-Lab	44.1848, 12.9573, -19.0428

# Details

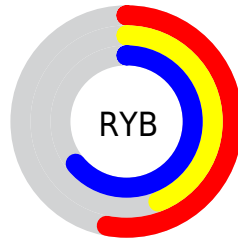
The RGB color **134, 113, 163** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142, 163, 113**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **188, 165, 218**, and **83, 65, 111** is the 20% darker color. If you saturate the color by 10%, you get **125, 97, 163**, and if you desaturate by 10%, it is **143, 129, 163**.

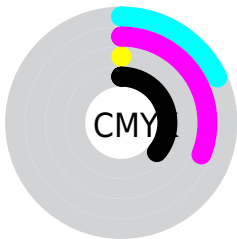
# Distribution



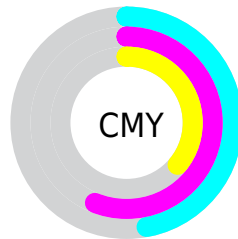
- Red (53%)
- Green (44%)
- Blue (64%)



- Red (53%)
- Yellow (44%)
- Blue (64%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (56%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 134, 113, 163 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 134, 113, 163 by changing the saturation by 10% instead.



 134, 113, 163


255, 255, 255

 188, 165, 218

 216, 192, 247


 244, 220, 255

 255, 249, 255


 134, 113, 163


 108, 88, 137

 83, 65, 111

 60, 43, 86

 36, 22, 63


 19, 0, 41

 0, 1, 19

 0, 0, 0

 134, 113, 163


 125, 97, 163

 134, 113, 163

 143, 129, 163


 115, 80, 163

 153, 146, 163


 106, 64, 163


 162, 162, 163

 96, 48, 163


 172, 178, 163

 87, 32, 163

 181, 195, 163

 77, 15, 163

 191, 211, 163

 68, 0, 163

 200, 227, 163

 210, 243, 163

 219, 255, 163

# Harmonies

## Analogous

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



96, 122, 173



134, 113, 163



160, 105, 142

# Triad

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



134, 113, 163



155, 114, 75



34, 136, 128

# Complementary

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



134, 113, 163



142, 163, 113

# 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.



72, 134, 102



134, 113, 163



132, 123, 70

# Square

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



134, 113, 163



169, 106, 92



105, 130, 81



0, 135, 153

# Rectangle

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



134, 113, 163



170, 102, 125



105, 130, 81



48, 136, 119



# Sweetspot

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



134, 113, 163



201, 193, 212



113, 142, 163



100, 95, 107



235, 235, 235



107, 107, 107



# Same Dimension

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



134, 113, 163



166, 133, 212



159, 113, 163



77, 73, 82



61, 0, 145



7, 0, 18



# Inverse Universe

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



163, 113, 142



212, 133, 179



117, 163, 113



82, 73, 78



145, 0, 84



18, 0, 10



# Previews

## White Background



This preview shows how the RGB color 134, 113, 163 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 134, 113, 163 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

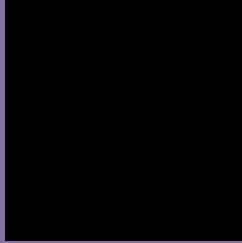
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 134, 113, 163 Background



This preview shows how black text looks on a background with the RGB color 134, 113, 163.



This preview shows how white text looks on a background with the RGB color 134, 113, 163.

# 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**

134, 113, 163

**Protanopia**

108, 121, 169

**Deuteranopia**

113, 120, 162



**Tritanopia**  
128, 120, 129

# Trichromacy



**Original Color**

134, 113, 163

**Protanomaly**

117, 118, 167

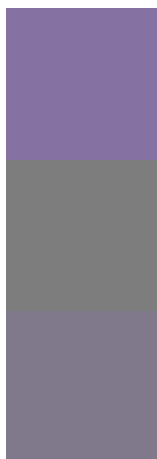
**Deuteranomaly**

121, 117, 162

**Tritanomaly**

130, 117, 141

# Monochromacy



**Original Color**

134, 113, 163

**Achromatopsia**

125, 125, 125

**Achromatomaly**

128, 121, 139

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 134, 113, 163 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(134, 113, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 113, 163)  
}
```

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(134, 113, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 113, 163) }
```

## Border

The CSS property to change the border of an element to RGB 134, 113, 163 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(134, 113, 163) }
```

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

```
.border{ border-color:rgb(134, 113, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 113, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 113, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 113, 163);  
box-shadow:4px 4px 4px 4px rgb(134, 113,  
163) }
```

# Background

The CSS property to change the background color of an element to RGB 134, 113, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 113, 163) }
```

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

```
.background{ background-color: rgb(134,  
113, 163) }
```

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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