Converting Colors

RGB(125, 120, 163)

Have a look what the booklet for RGB(125, 120, 163) contains.

Color

RGB(125, 120, 163)

Conversions

Conversions Part 1

Format	Color
Hex	7D78A3
RGB	125, 120, 163
RGB Percent	49%, 47%, 64%
CMY	0.5098, 0.5294, 0.3608
CMYK	0.23, 0.26, 0.00, 0.36
HSL	247°, 19%, 55%
HSV	247°, 26%, 64%
XYZ	21.7848, 20.4373, 37.4469
YIQ	126.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

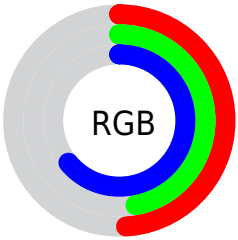
Format	Color
RYB	125, 120, 163
Decimal	8222883
CIELab	52.33, 11.47, -22.32
CIELCh	52, 25.094, 297.207
Yxy	20.4373, 0.2734, 0.2565
Android (android.graphics.Color)	4286412963 (0xFF7D78A3)
YUV	126.3970, 18.0453, -1.2252
Hunter-Lab	45.2076, 6.9029, -17.4666

Details

The RGB color 125, 120, 163 is a dark color, and the websafe version is hex 666699. A complement of this color would be 158, 163, 120, and the grayscale version is 126, 126, 126.

A 20% lighter version of the original color is 178, 172, 218, and 75, 72, 111 is the 20% darker color. If you saturate the color by 10%, you get 111, 104, 163, and if you desaturate by 10%, it is 139, 136, 163.

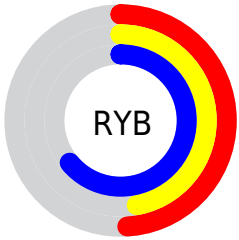
Distribution



Red (49%)

Green (47%)

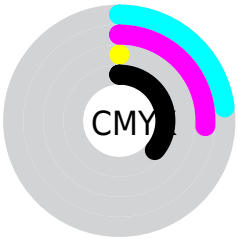
Blue (64%)



Red (49%)

Yellow (47%)

Blue (64%)

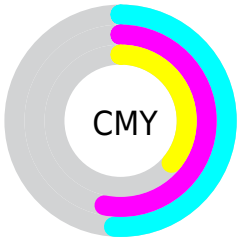


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 120, 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 125, 120, 163 by changing the saturation by 10% instead.

125, 120, 163	125, 120, 163
255, 255, 255	100, 95, 137
178, 172, 218	75, 72, 111
206, 200, 247	51, 49, 87
234, 228, 255	28, 28, 63
	8, 2, 41
	0, 1, 19
	0, 0, 0

125, 120, 163	125, 120, 163
111, 104, 163	139, 136, 163

96, 87, 163

82, 71, 163

67, 55, 163

53, 38, 163

39, 22, 163

24, 6, 163

19, 0, 163

154, 153, 163

168, 169, 163

183, 185, 163

197, 202, 163

211, 218, 163

226, 234, 163

240, 250, 163

255, 255, 163

Harmonies

Analogous

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

93, 127, 167

125, 120, 163

150, 113, 148

Triad

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

125, 120, 163

159, 115, 89

69, 137, 122

Complementary

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

125, 120, 163

158, 163, 120

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.

94, 134, 101

125, 120, 163

142, 123, 82

Square

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

125, 120, 163

167, 110, 106

119, 129, 86

53, 136, 144

Rectangle

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

125, 120, 163

161, 110, 135

119, 129, 86

77, 136, 115

Sweetspot

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

125, 120, 163

197, 195, 212

120, 159, 163

98, 96, 107

235, 235, 235

107, 107, 107

Same Dimension

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

125, 120, 163

152, 144, 212

146, 120, 163

74, 73, 82

17, 0, 145

2, 0, 18

Inverse Universe

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

163, 120, 158

212, 144, 204

137, 163, 120

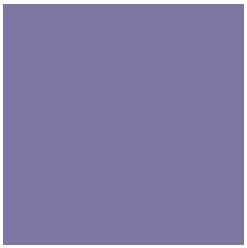
82, 73, 81

145, 0, 128

18, 0, 16

Previews

White Background

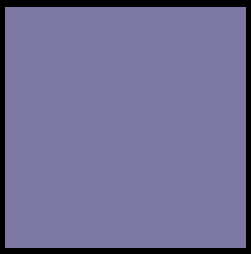


This preview shows how the RGB color 125, 120, 163 looks on a white background.

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



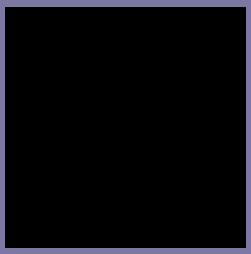
This preview shows how the RGB color 125, 120, 163 looks on a black background.

Color Contrast Check

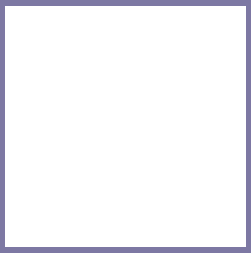
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 125, 120, 163 Background



This preview shows how black text looks on a background with the RGB color 125, 120, 163.

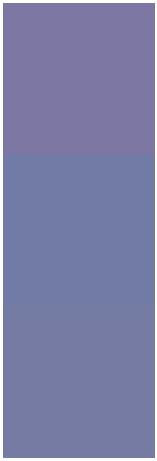


This preview shows how white text looks on a background with the RGB color 125, 120, 163.

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



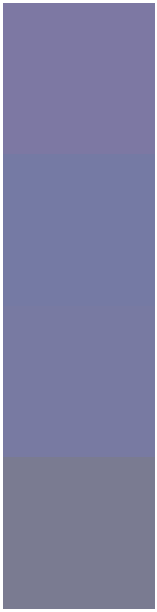
Original Color
125, 120, 163

Protanopia
113, 123, 165

Deuteranopia
117, 123, 162

Tritanopia
120, 125, 135

Trichromacy



Original Color
125, 120, 163

Protanomaly
117, 122, 164

Deuteranomaly
120, 122, 162

Tritanomaly
122, 123, 145

Monochromacy

Original Color
125, 120, 163

Achromatopsia
126, 126, 126

Achromatomaly
126, 124, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 120, 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(125, 120, 163) looks like.

```
.text, #text, p{
    color:rgb(125, 120, 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(125, 120, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 120, 163) }
```

Border

The CSS property to change the border of an element to RGB 125, 120, 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(125, 120, 163) }
```

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

```
.border{ border-color:rgb(125, 120, 163) }
```

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

Here you see how a box with a 4 pixel rgb(125, 120, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 120, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 120, 163); box-shadow:4px 4px 4px 4px rgb(125, 120, 163) }
```

Background

The CSS property to change the background color of an element to RGB 125, 120, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(125, 120, 163) }
```

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

```
.background{ background-color:rgb(125,
120, 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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