Converting Colors

RGB(132, 120, 146)

Have a look what the booklet for RGB(132, 120, 146) contains.

Color

RGB(132, 120, 146)

Conversions

Conversions Part 1

Format	Color
Hex	847892
RGB	132, 120, 146
RGB Percent	52%, 47%, 57%
CMY	0.4824, 0.5294, 0.4275
CMYK	0.10, 0.18, 0.00, 0.43
HSL	268°, 11%, 52%
HSV	268°, 18%, 57%
XYZ	21.4205, 20.4138, 30.0054
YIQ	126.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

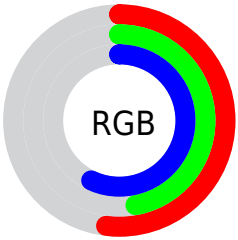
Format	Color
RYB	132, 120, 146
Decimal	8681618
CIELab	52.30, 9.87, -12.39
CIELCh	52, 15.840, 308.549
Yxy	20.4138, 0.2982, 0.2842
Android (android.graphics.Color)	4286871698 (0xFF847892)
YUV	126.5520, 9.5879, 4.7779
Hunter-Lab	45.1816, 5.5585, -7.7477

Details

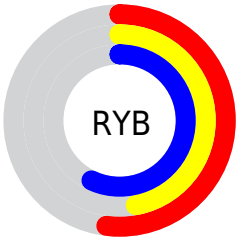
The RGB color 132, 120, 146 is a dark color, and the websafe version is hex 666699. A complement of this color would be 134, 146, 120, and the grayscale version is 126, 126, 126.

A 20% lighter version of the original color is 185, 172, 200, and 82, 72, 95 is the 20% darker color. If you saturate the color by 10%, you get 124, 105, 146, and if you desaturate by 10%, it is 140, 135, 146.

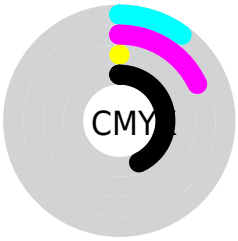
Distribution



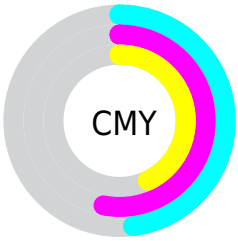
- Red (52%)
- Green (47%)
- Blue (57%)



- Red (52%)
- Yellow (47%)
- Blue (57%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 120, 146 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 132, 120, 146 by changing the saturation by 10% instead.

132, 120, 146

255, 255, 255

185, 172, 200

213, 200, 228

241, 228, 255

132, 120, 146

107, 95, 120

82, 72, 95

59, 49, 72

37, 28, 49

18, 2, 29

0, 0, 0

132, 120, 146

124, 105, 146

116, 91, 146

132, 120, 146

140, 135, 146

148, 149, 146

108, 76, 146

101, 62, 146

93, 47, 146

85, 32, 146

77, 18, 146

69, 3, 146

67, 0, 146

156, 164, 146

163, 178, 146

171, 193, 146

179, 208, 146

187, 222, 146

195, 237, 146

203, 251, 146

Harmonies

Analogous

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

114, 125, 151

132, 120, 146

146, 116, 135

Triad

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

132, 120, 146

144, 121, 100

90, 133, 128

Complementary

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

132, 120, 146

134, 146, 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.

101, 132, 114

132, 120, 146

131, 125, 98

Square

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

132, 120, 146

152, 117, 108

116, 129, 103

88, 132, 141

Rectangle

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

132, 120, 146

151, 115, 126

116, 129, 103

93, 133, 124

Sweetspot

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

132, 120, 146

184, 179, 189

120, 134, 146

91, 89, 94

222, 222, 222

94, 94, 94

Same Dimension

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

132, 120, 146

167, 149, 189

145, 120, 146

70, 67, 74

64, 0, 138

5, 0, 10

Inverse Universe

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

146, 120, 134

189, 149, 170

121, 146, 120

74, 67, 71

138, 0, 74

10, 0, 5

Previews

White Background

This preview shows how the RGB color 132, 120, 146 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

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 132, 120, 146 Background

This preview shows how black text looks on a background with the RGB color 132, 120, 146.

This preview shows how white text looks on a background with the RGB color 132, 120, 146.

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
132, 120, 146

Protanopia
120, 124, 148

Deuteranopia
127, 122, 146

Tritanopia
130, 122, 132

Trichromacy

Original Color
132, 120, 146

Protanomaly
124, 123, 147

Deuteranomaly
129, 121, 146

Tritanomaly
131, 121, 137

Monochromacy

Original Color
132, 120, 146

Achromatopsia
127, 127, 127

Achromatomaly
129, 124, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 120, 146 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(132, 120, 146) looks like.

```
.text, #text, p{
    color:rgb(132, 120, 146)
}
```

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(132, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 120, 146) }
```

Border

The CSS property to change the border of an element to RGB 132, 120, 146 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(132, 120, 146) }
```

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

```
.border{ border-color:rgb(132, 120, 146) }
```

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

Here you see how a box with a 4 pixel rgb(132, 120, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 120, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 120, 146); box-shadow:4px 4px 4px 4px rgb(132, 120, 146) }
```

Background

The CSS property to change the background color of an element to RGB 132, 120, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(132, 120, 146) }
```

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

```
.background{ background-color:rgb(132, 120, 146) }
```

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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