Converting Colors

RGB(113, 113, 142)

Have a look what the booklet for RGB(113, 113, 142) contains.

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Color

RGB(113, 113, 142)

Conversions

Format	Color
Hex	71718E
RGB	113, 113, 142
RGB Percent	44%, 44%, 56%
CMY	0.5569, 0.5569, 0.4431
CMYK	0.20, 0.20, 0.00, 0.44
HSL	240°, 11%, 50%
HSV	240°, 20%, 56%
XYZ	17.5977, 17.2740, 27.9979
YIQ	116.3060, -9.3090, 9.0190

Conversions Part 1

Conversions

Conversions Part 2

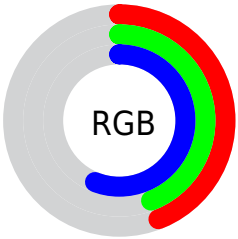
Format	Color
RYB	113, 113, 142
Decimal	7434638
CIELab	48.60, 6.51, -15.79
CIELCh	49, 17.085, 292.411
Yxy	17.2740, 0.2799, 0.2748
Android (android.graphics.Color)	4285624718 (0xFF71718E)
YUV	116.3060, 12.6671, -2.8994
Hunter-Lab	41.5620, 2.8449, -10.8469

Details

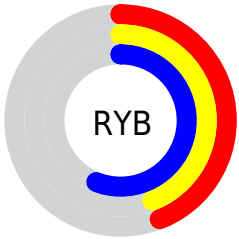
The RGB color 113, 113, 142 is a dark color, and the websafe version is hex 666699. A complement of this color would be 142, 142, 113, and the grayscale version is 116, 116, 116.

A 20% lighter version of the original color is 165, 165, 196, and 65, 65, 92 is the 20% darker color. If you saturate the color by 10%, you get 99, 99, 142, and if you desaturate by 10%, it is 127, 127, 142.

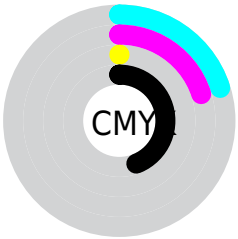
Distribution



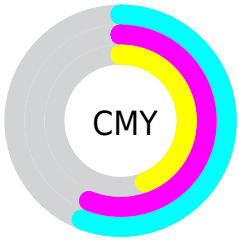
- Red (44%)
- Green (44%)
- Blue (56%)



- Red (44%)
- Yellow (44%)
- Blue (56%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 113, 142 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 113, 113, 142 by changing the saturation by 10% instead.

113, 113, 142	113, 113, 142
255, 255, 255	88, 89, 116
165, 165, 196	65, 65, 92
192, 192, 224	42, 43, 68
220, 220, 252	20, 23, 46
249, 248, 255	0, 1, 25
	0, 0, 0

113, 113, 142	113, 113, 142
99, 99, 142	127, 127, 142
85, 85, 142	141, 141, 142

70, 70, 142

56, 56, 142

42, 42, 142

28, 28, 142

14, 14, 142

0, 0, 142

156, 156, 142

170, 170, 142

184, 184, 142

198, 198, 142

212, 212, 142

227, 227, 142

241, 241, 142

Harmonies

Analogous

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

93, 118, 144

113, 113, 142

131, 108, 133

Triad

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

113, 113, 142

141, 109, 93

83, 123, 111

Complementary

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

113, 113, 142

142, 142, 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.

98, 121, 97

113, 113, 142

130, 113, 87

Square

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

113, 113, 142

145, 106, 105

115, 118, 89

75, 123, 126

Rectangle

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

113, 113, 142

139, 106, 125

115, 118, 89

88, 123, 106

Sweetspot

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

113, 113, 142

173, 173, 184

113, 142, 142

85, 85, 92

219, 219, 219

92, 92, 92

Same Dimension

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

113, 113, 142

138, 138, 184

128, 113, 142

64, 64, 71

0, 0, 135

0, 0, 8

Inverse Universe

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

142, 113, 142

184, 138, 184

128, 142, 113

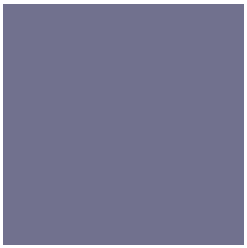
71, 64, 71

135, 0, 135

8, 0, 8

Previews

White Background

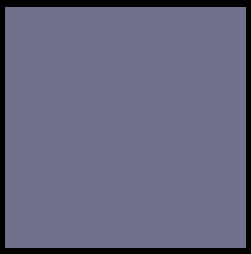


This preview shows how the RGB color 113, 113, 142 looks on a white background.

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

Black Background



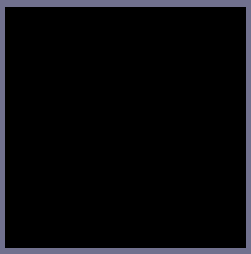
This preview shows how the RGB color 113, 113, 142 looks on a black background.

Color Contrast Check

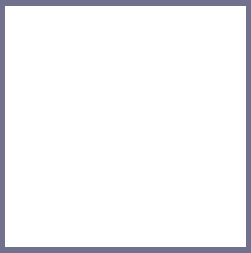
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 113, 113, 142 Background



This preview shows how black text looks on a background with the RGB color 113, 113, 142.



This preview shows how white text looks on a background with the RGB color 113, 113, 142.

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

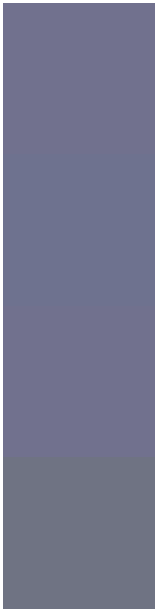
Original Color
113, 113, 142

Protanopia
109, 114, 143

Deuteranopia
113, 113, 142

Tritanopia
110, 116, 125

Trichromacy



Original Color
113, 113, 142

Protanomaly
110, 114, 143

Deuteranomaly
113, 113, 142

Tritanomaly
111, 115, 131

Monochromacy

Original Color
113, 113, 142

Achromatopsia
116, 116, 116

Achromatomaly
115, 115, 125

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 113, 142 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(113, 113, 142) looks like.

```
.text, #text, p{
    color:rgb(113, 113, 142)
}
```

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(113, 113, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 113, 142) }
```

Border

The CSS property to change the border of an element to RGB 113, 113, 142 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(113, 113, 142) }
```

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

```
.border{ border-color:rgb(113, 113, 142) }
```

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

Here you see how a box with a 4 pixel rgb(113, 113, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 113, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 113, 142); box-shadow:4px 4px 4px 4px rgb(113, 113, 142) }
```

Background

The CSS property to change the background color of an element to RGB 113, 113, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(113, 113, 142) }
```

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

```
.background{ background-color:rgb(113,
113, 142) }
```

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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