Converting Colors

RGB(82, 131, 149)

Have a look what the booklet for RGB(82, 131, 149) contains.

Color

RGB(82, 131, 149)

Conversions

Conversions Part 1

Format	Color
Hex	528395
RGB	82, 131, 149
RGB Percent	32%, 51%, 58%
CMY	0.6784, 0.4863, 0.4157
CMYK	0.45, 0.12, 0.00, 0.42
HSL	196°, 29%, 45%
HSV	196°, 45%, 58%
XYZ	17.0208, 20.1964, 31.4350
YIQ	118.4010, -34.9820, -4.7900

Conversions

Conversions Part 2

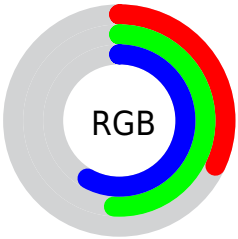
Format	Color
RYB	82, 110, 149
Decimal	5407637
CIELab	52.06, -11.53, -14.84
CIELCh	52, 18.793, 232.164
Yxy	20.1964, 0.2479, 0.2942
Android (android.graphics.Color)	4283597717 (0xFF528395)
YUV	118.4010, 15.0853, -31.9237
Hunter-Lab	44.9404, -11.0402, -10.0140

Details

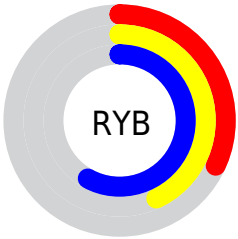
The RGB color 82, 131, 149 is a dark color, and the websafe version is hex 669999. A complement of this color would be 149, 100, 82, and the grayscale version is 118, 118, 118.

A 20% lighter version of the original color is 135, 184, 203, and 28, 82, 98 is the 20% darker color. If you saturate the color by 10%, you get 67, 127, 149, and if you desaturate by 10%, it is 97, 135, 149.

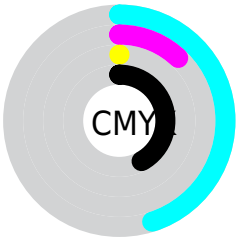
Distribution



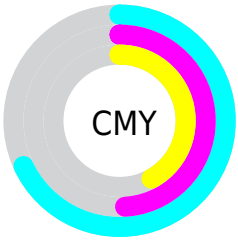
- Red (32%)
- Green (51%)
- Blue (58%)



- Red (32%)
- Yellow (43%)
- Blue (58%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (68%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 82, 131, 149 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 82, 131, 149 by changing the saturation by 10% instead.

82, 131, 149

255, 255, 255

135, 184, 203

162, 212, 231

190, 240, 255

218, 255, 255

247, 255, 255

82, 131, 149

56, 106, 123

28, 82, 98

0, 59, 74

0, 37, 52

0, 15, 31

0, 0, 3

0, 0, 0

82, 131, 149

67, 127, 149

82, 131, 149

97, 135, 149

52, 123, 149

37, 119, 149

22, 115, 149

7, 111, 149

0, 109, 149

112, 139, 149

127, 143, 149

142, 147, 149

157, 151, 149

171, 155, 149

186, 159, 149

201, 163, 149

216, 167, 149

Harmonies

Analogous

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

78, 133, 136

82, 131, 149

99, 127, 156

Triad

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

82, 131, 149

153, 113, 129

124, 127, 94

Complementary

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

82, 131, 149

149, 100, 82

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.

140, 122, 92

82, 131, 149

157, 113, 113

Square

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

82, 131, 149

141, 116, 144

152, 116, 99

105, 131, 104

Rectangle

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

82, 131, 149

114, 123, 155

152, 116, 99

129, 125, 93

Sweetspot

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

82, 131, 149

169, 187, 194

82, 149, 100

81, 93, 97

224, 224, 224

97, 97, 97

Same Dimension

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

82, 131, 149

89, 166, 194

82, 98, 149

67, 72, 74

0, 101, 138

0, 7, 10

Inverse Universe

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

149, 82, 131

194, 89, 166

149, 133, 82

74, 67, 72

138, 0, 101

10, 0, 7

Previews

White Background

This preview shows how the RGB color 82, 131, 149 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 82, 131, 149 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 82, 131, 149 Background

This preview shows how black text looks on a background with the RGB color 82, 131, 149.

This preview shows how white text looks on a background with the RGB color 82, 131, 149.

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
82, 131, 149

Protanopia
120, 123, 143

Deuteranopia
122, 121, 151

Tritanopia
80, 132, 143

Trichromacy

Original Color
82, 131, 149

Protanomaly
106, 126, 145

Deuteranomaly
107, 125, 150

Tritanomaly
81, 132, 145

Monochromacy

Original Color
82, 131, 149

Achromatopsia
118, 118, 118

Achromatomaly
105, 123, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 82, 131, 149 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(82, 131, 149) looks like.

```
.text, #text, p{
    color:rgb(82, 131, 149)
}
```

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(82, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 131, 149) }
```

Border

The CSS property to change the border of an element to RGB 82, 131, 149 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(82, 131, 149) }
```

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

```
.border{ border-color:rgb(82, 131, 149) }
```

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

Here you see how a box with a 4 pixel rgb(82, 131, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(82, 131, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(82, 131, 149); box-shadow:4px 4px 4px 4px rgb(82, 131, 149) }
```

Background

The CSS property to change the background color of an element to RGB 82, 131, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(82, 131, 149) }
```

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

```
.background{ background-color:rgb(82, 131, 149) }
```

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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