Converting Colors

RGB(41, 138, 153)

Have a look what the booklet for RGB(41, 138, 153) contains.

Color

RGB(41, 138, 153)

Conversions

Conversions Part 1

Format	Color
Hex	298A99
RGB	41, 138, 153
RGB Percent	16%, 54%, 60%
CMY	0.8392, 0.4588, 0.4000
CMYK	0.73, 0.10, 0.00, 0.40
HSL	188°, 58%, 38%
HSV	188°, 73%, 60%
XYZ	15.7527, 20.9483, 33.3502
YIQ	110.7070, -62.6270, -15.8990

Conversions

Conversions Part 2

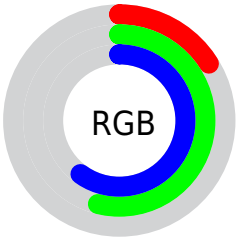
Format	Color
RYB	41, 93, 153
Decimal	2722457
CIELab	52.89, -22.30, -16.04
CIELCh	53, 27.471, 215.714
Yxy	20.9483, 0.2249, 0.2990
Android (android.graphics.Color)	4280912537 (0xFF298A99)
YUV	110.7070, 20.8504, -61.1330
Hunter-Lab	45.7693, -18.6608, -11.1636

Details

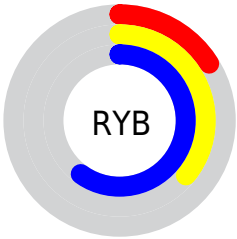
The RGB color 41, 138, 153 is a dark color, and the websafe version is hex 339999. A complement of this color would be 153, 56, 41, and the grayscale version is 111, 111, 111.

A 20% lighter version of the original color is 103, 192, 207, and 0, 88, 102 is the 20% darker color. If you saturate the color by 10%, you get 26, 136, 153, and if you desaturate by 10%, it is 56, 140, 153.

Distribution

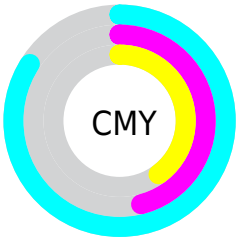


- Red (16%)
- Green (54%)
- Blue (60%)



- Red (16%)
- Yellow (36%)
- Blue (60%)

- Cyan (73%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 138, 153 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 41, 138, 153 by changing the saturation by 10% instead.

41, 138, 153

255, 255, 255

103, 192, 207

132, 220, 236

161, 248, 255

190, 255, 255

219, 255, 255

249, 255, 255

41, 138, 153

0, 112, 127

0, 88, 102

0, 64, 78

0, 42, 55

0, 19, 34

0, 0, 9

0, 0, 0

41, 138, 153

26, 136, 153

41, 138, 153

56, 140, 153

10, 134, 153

0, 133, 153

72, 142, 153

87, 144, 153

102, 146, 153

117, 148, 153

133, 150, 153

148, 152, 153

163, 154, 153

179, 156, 153

Harmonies

Analogous

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

56, 139, 130

41, 138, 153

63, 134, 169

Triad

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

41, 138, 153

160, 111, 146

138, 126, 79

Complementary

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

41, 138, 153

153, 56, 41

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.

158, 118, 84

41, 138, 153

172, 108, 123

Square

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

41, 138, 153

135, 119, 165

171, 111, 100

112, 133, 87

Rectangle

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

41, 138, 153

88, 130, 173

171, 111, 100

145, 124, 79

Sweetspot

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

41, 138, 153

155, 193, 199

41, 153, 56

74, 96, 99

227, 227, 227

99, 99, 99

Same Dimension

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

41, 138, 153

24, 175, 199

41, 82, 153

69, 75, 77

0, 121, 140

0, 11, 13

Inverse Universe

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

153, 41, 138

199, 24, 175

153, 112, 41

77, 69, 75

140, 0, 121

13, 0, 11

Previews

White Background

This preview shows how the RGB color 41, 138, 153 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 41, 138, 153 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 41, 138, 153 Background

This preview shows how black text looks on a background with the RGB color 41, 138, 153.

This preview shows how white text looks on a background with the RGB color 41, 138, 153.

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
41, 138, 153

Protanopia
122, 125, 144

Deuteranopia
122, 123, 156

Tritanopia
39, 139, 150

Trichromacy

Original Color
41, 138, 153

Protanomaly
93, 130, 147

Deuteranomaly
93, 128, 155

Tritanomaly
40, 139, 151

Monochromacy

Original Color
41, 138, 153

Achromatopsia
111, 111, 111

Achromatomaly
86, 121, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 138, 153 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(41, 138, 153) looks like.

```
.text, #text, p{
    color:rgb(41, 138, 153)
}
```

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(41, 138, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 138, 153) }
```

Border

The CSS property to change the border of an element to RGB 41, 138, 153 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(41, 138, 153) }
```

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

```
.border{ border-color:rgb(41, 138, 153) }
```

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

Here you see how a box with a 4 pixel rgb(41, 138, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 138, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 138, 153); box-shadow:4px 4px 4px 4px rgb(41, 138, 153) }
```

Background

The CSS property to change the background color of an element to RGB 41, 138, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(41, 138, 153) }
```

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

```
.background{ background-color:rgb(41, 138, 153) }
```

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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