

Converting Colors

RGB(41, 134, 139)

Have a look what the booklet for
RGB(41, 134, 139) contains.

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Color

RGB(41, 134, 139)

Conversions

Conversions Part 1	
Format	Color
Hex	29868B
RGB	41, 134, 139
RGB Percent	16%, 53%, 55%
CMY	0.8392, 0.4745, 0.4549
CMYK	0.71, 0.04, 0.00, 0.45
HSL	183°, 54%, 35%
HSV	183°, 71%, 55%
XYZ	14.0997, 19.3857, 27.4248
YIQ	106.7630, -57.0330, -18.1610

Conversions

Conversions Part 2

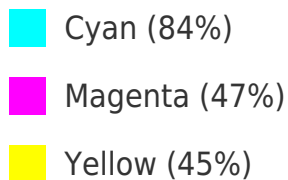
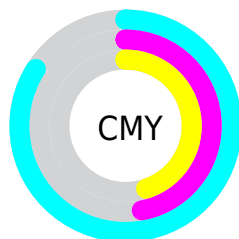
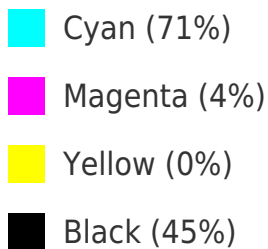
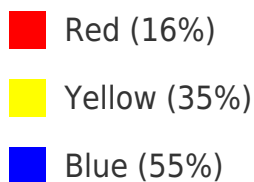
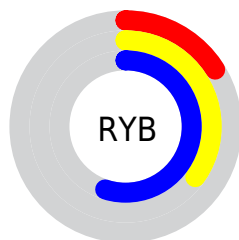
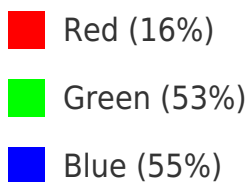
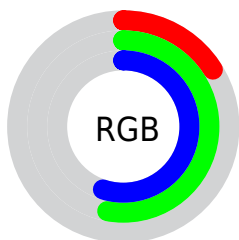
Format	Color
RYB	41, 89, 139
Decimal	2721419
CIELab	51.14, -24.69, -10.56
CIELCh	51, 26.854, 203.145
Yxy	19.3857, 0.2315, 0.3183
Android (android.graphics.Color)	4280911499 (0xFF29868B)
YUV	106.7630, 15.8928, -57.6742
Hunter-Lab	44.0292, -19.8889, -6.1100

Details

The RGB color **41, 134, 139** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **139, 46, 41**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **101, 188, 192**, and **0, 84, 89** is the 20% darker color. If you saturate the color by 10%, you get **27, 133, 139**, and if you desaturate by 10%, it is **55, 135, 139**.


Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 41, 134, 139 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, 134, 139 by changing the saturation by 10% instead.

 41, 134, 139

255, 255, 255

 101, 188, 192


 130, 215, 220

 158, 244, 249

 187, 255, 255

 216, 255, 255


 245, 255, 255

 41, 134, 139

 0, 108, 114


 0, 84, 89


 0, 60, 66


 0, 38, 44


 0, 9, 24


 0, 0, 0


 41, 134, 139

 27, 133, 139


 41, 134, 139


 55, 135, 139


 13, 133, 139

 69, 135, 139

 0, 132, 139

 83, 136, 139

 97, 137, 139

 110, 138, 139

 124, 138, 139

 138, 139, 139

 152, 140, 139

 166, 140, 139

Harmonies

Analogous

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



64, 134, 116



41, 134, 139



48, 131, 158

Triad

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



41, 134, 139



146, 110, 150



142, 119, 76

Complementary

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



41, 134, 139



139, 46, 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.



159, 111, 86



41, 134, 139



163, 105, 128

Square

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



41, 134, 139



117, 118, 164



167, 105, 105



119, 126, 79

Rectangle

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



41, 134, 139



69, 128, 165



167, 105, 105



149, 116, 78

Sweetspot

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



41, 134, 139



143, 179, 181



41, 139, 46



69, 91, 92



219, 219, 219



92, 92, 92

Same Dimension

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



41, 134, 139



27, 173, 181



41, 85, 139



62, 68, 69



0, 126, 133



0, 5, 5

Inverse Universe

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



139, 41, 134



181, 27, 173



139, 95, 41



69, 62, 68



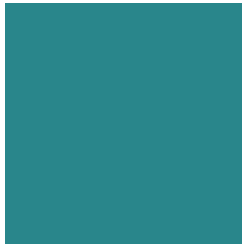
133, 0, 126



5, 0, 5

Previews

White Background



This preview shows how the RGB color 41, 134, 139 looks on a white background.

Color Contrast Check

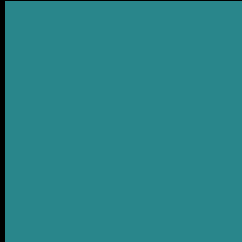
Large Text (above 18pt) WCAG AA ✓ Pass

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, 134, 139 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, 134, 139 Background



This preview shows how black text looks on a background with the RGB color 41, 134, 139.

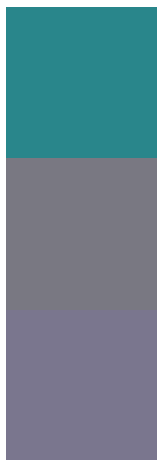


This preview shows how white text looks on a background with the RGB color 41, 134, 139.

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, 134, 139

Protanopia

121, 120, 130

Deuteranopia



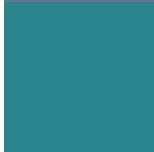
122, 118, 142




Tritanopia

44, 133, 144

Trichromacy

	Original Color 41, 134, 139
	Protanomaly 92, 125, 133
	Deuteranomaly 93, 124, 141
	Tritanomaly 43, 133, 142

Monochromacy

	Original Color 41, 134, 139
	Achromatopsia 107, 107, 107
	Achromatomaly 83, 117, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 134, 139 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, 134, 139) looks like.

```
.text, #text, p{  
    color:rgb(41, 134, 139)  
}
```

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, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 134, 139) }
```

Border

The CSS property to change the border of an element to RGB 41, 134, 139 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, 134, 139) }
```

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

```
.border{ border-color:rgb(41, 134, 139) }
```

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

Here you see how a box with a 4 pixel rgb(41, 134, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(41, 134,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 41, 134, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 134, 139) }
```

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

```
.background{ background-color: rgb(41, 134,  
139) }
```

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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