

Converting Colors

RGB(50, 120, 139)

Have a look what the booklet for
RGB(50, 120, 139) contains.

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Color

RGB(50, 120, 139)

Conversions

Conversions Part 1

Format	Color
Hex	32788B
RGB	50, 120, 139
RGB Percent	20%, 47%, 55%
CMY	0.8039, 0.5294, 0.4549
CMYK	0.64, 0.14, 0.00, 0.45
HSL	193°, 47%, 37%
HSV	193°, 64%, 55%
XYZ	12.6921, 15.9751, 26.8407
YIQ	101.2360, -47.8190, -8.9310

Conversions

Conversions Part 2

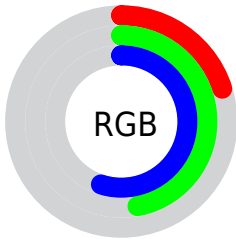
Format	Color
RYB	50, 89, 139
Decimal	3307659
CIELab	46.94, -15.74, -16.88
CIElCh	47, 23.079, 227.013
Yxy	15.9751, 0.2287, 0.2878
Android (android.graphics.Color)	4281497739 (0xFF32788B)
YUV	101.2360, 18.6177, -44.9340
Hunter-Lab	39.9689, -13.2632, -11.8373

Details

The RGB color **50, 120, 139** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **139, 69, 50**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **106, 172, 193**, and **0, 71, 89** is the 20% darker color. If you saturate the color by 10%, you get **36, 117, 139**, and if you desaturate by 10%, it is **64, 123, 139**.

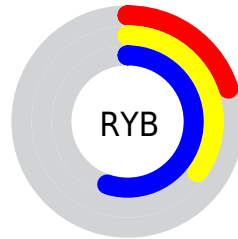
Distribution



Red (20%)

Green (47%)

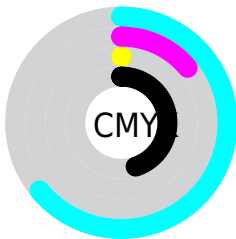
Blue (55%)



Red (20%)

Yellow (35%)

Blue (55%)

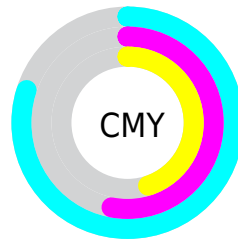


Cyan (64%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (80%)


Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 50, 120, 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 50, 120, 139 by changing the saturation by 10% instead.

 50, 120, 139

255, 255, 255

 106, 172, 193


 134, 200, 220

 162, 228, 249

 190, 255, 255

 219, 255, 255

 248, 255, 255

 50, 120, 139

 14, 95, 114


 0, 71, 89


 0, 49, 66


 0, 29, 43


 0, 1, 23

 0, 0, 0

 50, 120, 139

 36, 117, 139

 50, 120, 139

 64, 123, 139

■ 22, 114, 139

■ 78, 126, 139

■ 8, 111, 139

■ 92, 129, 139

■ 0, 109, 139

■ 106, 132, 139

■ 119, 135, 139

■ 133, 138, 139

■ 147, 141, 139

■ 161, 144, 139

■ 175, 147, 139

Harmonies

Analogous

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



50, 122, 122



50, 120, 139



73, 116, 149

Triad

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



50, 120, 139



144, 98, 121



114, 114, 74

Complementary

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



50, 120, 139



139, 69, 50

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.



132, 107, 74



50, 120, 139



150, 97, 101

Square

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



50, 120, 139



127, 102, 138



145, 101, 84



92, 119, 84

Rectangle

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



50, 120, 139



92, 112, 149



145, 101, 84



120, 112, 73

Sweetspot

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



50, 120, 139



147, 174, 181



50, 139, 68



71, 87, 92



219, 219, 219



92, 92, 92

Same Dimension

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



50, 120, 139



42, 151, 181



50, 77, 139



62, 67, 69



0, 104, 133



0, 4, 5

Inverse Universe

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



139, 50, 120



181, 42, 151



139, 112, 50



69, 62, 67



133, 0, 104



5, 0, 4

Previews

White Background



This preview shows how the RGB color 50, 120, 139 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 50, 120, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

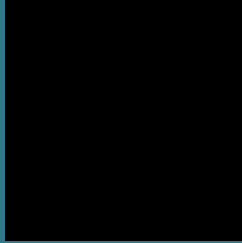
Any Text WCAG AA × Fail

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 50, 120, 139 Background



This preview shows how black text looks on a background with the RGB color 50, 120, 139.




This preview shows how white text looks on a background with the RGB color 50, 120, 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





Tritanopia
46, 121, 131

Trichromacy



Original Color

50, 120, 139

Protanomaly

86, 114, 135

Deuteranomaly

85, 113, 141

Tritanomaly

47, 121, 134

Monochromacy



Original Color

50, 120, 139

Achromatopsia

101, 101, 101

Achromatomaly

82, 108, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 50, 120, 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(50, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(50, 120, 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(50, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 120, 139) }
```

Border

The CSS property to change the border of an element to RGB 50, 120, 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(50, 120, 139) }
```

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

```
.border{ border-color:rgb(50, 120, 139) }
```

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

Here you see how a box with a 4 pixel rgb(50, 120, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 120, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 120, 139);  
box-shadow:4px 4px 4px 4px rgb(50, 120,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 50, 120, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 120, 139) }
```

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

```
.background{ background-color: rgb(50, 120,  
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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