

Converting Colors

RGB(63, 108, 143)

Have a look what the booklet for
RGB(63, 108, 143) contains.

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Color

RGB(63, 108, 143)

Conversions

Conversions Part 1

Format	Color
Hex	3F6C8F
RGB	63, 108, 143
RGB Percent	25%, 42%, 56%
CMY	0.7529, 0.5765, 0.4392
CMYK	0.56, 0.24, 0.00, 0.44
HSL	206°, 39%, 40%
HSV	206°, 56%, 56%
XYZ	12.3704, 13.7651, 27.9915
YIQ	98.5350, -38.0550, 1.3450

Conversions

Conversions Part 2

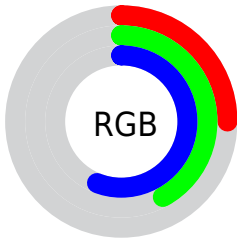
Format	Color
R_{YB}	63, 92, 143
Decimal	4156559
CIE _{Lab}	43.89, -4.78, -23.90
CIE _{LCh}	44, 24.377, 258.699
Yxy	13.7651, 0.2285, 0.2543
Android (android.graphics.Color)	4282346639 (0xFF3F6C8F)
YUV	98.5350, 21.9212, -31.1642
Hunter-Lab	37.1013, -5.4114, -18.7612

Details

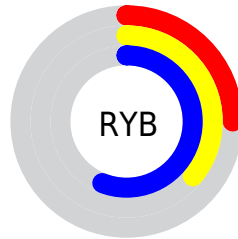
The RGB color **63, 108, 143** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **143, 98, 63**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **116, 159, 197**, and **0, 61, 92** is the 20% darker color. If you saturate the color by 10%, you get **49, 102, 143**, and if you desaturate by 10%, it is **77, 114, 143**.

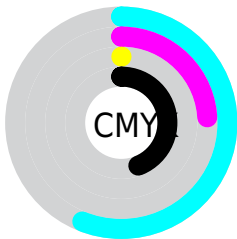
Distribution



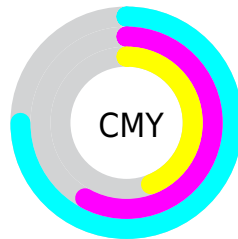
- Red (25%)
- Green (42%)
- Blue (56%)



- Red (25%)
- Yellow (36%)
- Blue (56%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 63, 108, 143 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 63, 108, 143 by changing the saturation by 10% instead.



63, 108, 143



63, 108, 143

255, 255, 255



35, 84, 117



116, 159, 197



0, 61, 92



144, 186, 225



0, 39, 69



171, 214, 254



0, 19, 46



199, 242, 255



0, 1, 25



228, 255, 255



0, 0, 0



63, 108, 143



63, 108, 143



49, 102, 143



77, 114, 143



34, 95, 143



92, 121, 143

■ 20, 89, 143

■ 106, 127, 143

■ 6, 83, 143

■ 120, 133, 143

■ 0, 80, 143

■ 135, 139, 143

■ 149, 146, 143

■ 163, 152, 143

■ 177, 158, 143

■ 192, 164, 143

Harmonies

Analogous

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



34, 113, 133



63, 108, 143



95, 101, 142

Triad

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



63, 108, 143



144, 89, 92



82, 111, 76

Complementary

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



63, 108, 143



143, 98, 63

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.



105, 106, 65



63, 108, 143



138, 93, 74

Square

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



63, 108, 143



138, 89, 112



124, 100, 64



57, 114, 95

Rectangle

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



63, 108, 143



114, 96, 135



124, 100, 64



89, 110, 72

Sweetspot

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



63, 108, 143



155, 172, 186



63, 143, 98



75, 86, 94



222, 222, 222



94, 94, 94

Same Dimension

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



63, 108, 143



61, 132, 186



63, 68, 143



64, 68, 71



0, 76, 135



0, 4, 8

Inverse Universe

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



143, 63, 108



186, 61, 132



143, 138, 63



71, 64, 68



135, 0, 76



8, 0, 4

Previews

White Background



This preview shows how the RGB color 63, 108, 143 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 63, 108, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

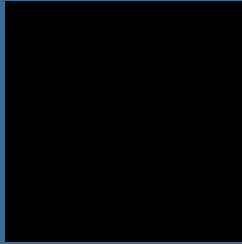
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

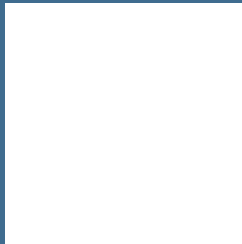
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 63, 108, 143 Background



This preview shows how black text looks on a background with the RGB color 63, 108, 143.

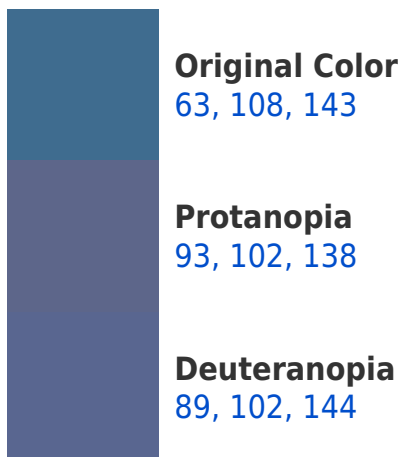


This preview shows how white text looks on a background with the RGB color 63, 108, 143.

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](#).

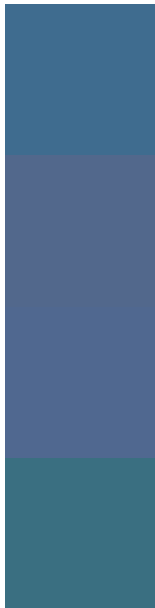
Dichromacy





Tritanopia
55, 112, 121

Trichromacy



Original Color

63, 108, 143

Protanomaly

82, 104, 140

Deuteranomaly

80, 104, 144

Tritanomaly

58, 111, 129

Monochromacy



Original Color

63, 108, 143

Achromatopsia

99, 99, 99

Achromatomaly

86, 102, 115

CSS Examples

Text

The CSS property to change the color of the text to RGB 63, 108, 143 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(63, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(63, 108, 143)  
}
```

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(63, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 108, 143) }
```

Border

The CSS property to change the border of an element to RGB 63, 108, 143 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(63, 108, 143) }
```

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

```
.border{ border-color:rgb(63, 108, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 108, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 108, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 108, 143);  
box-shadow:4px 4px 4px 4px rgb(63, 108,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 63, 108, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 108, 143) }
```

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

```
.background{ background-color: rgb(63, 108,  
143) }
```

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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