Converting Colors

RGB(90, 109, 141)

Have a look what the booklet for RGB(90, 109, 141) contains.

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Color

RGB(90, 109, 141)

Conversions

Conversions Part 1

Format	Color
Hex	5A6D8D
RGB	90, 109, 141
RGB Percent	35%, 43%, 55%
CMY	0.6471, 0.5725, 0.4471
CMYK	0.36, 0.23, 0.00, 0.45
HSL	218°, 22%, 45%
HSV	218°, 36%, 55%
XYZ	14.4928, 15.0340, 27.3373
YIQ	106.9670, -21.5960, 5.9240

Conversions

Conversions Part 2

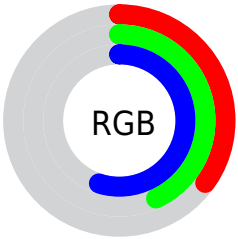
Format	Color
RYB	90, 104, 141
Decimal	5926285
CIELab	45.68, 1.26, -19.83
CIELCh	46, 19.865, 273.624
Yxy	15.0340, 0.2549, 0.2644
Android (android.graphics.Color)	4284116365 (0xFF5A6D8D)
YUV	106.9670, 16.7783, -14.8801
Hunter-Lab	38.7737, -1.1345, -14.6606

Details

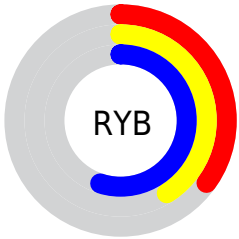
The RGB color 90, 109, 141 is a dark color, and the websafe version is hex 336699. A complement of this color would be 141, 122, 90, and the grayscale version is 107, 107, 107.

A 20% lighter version of the original color is 142, 160, 195, and 41, 62, 91 is the 20% darker color. If you saturate the color by 10%, you get 76, 100, 141, and if you desaturate by 10%, it is 104, 118, 141.

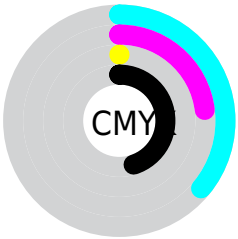
Distribution



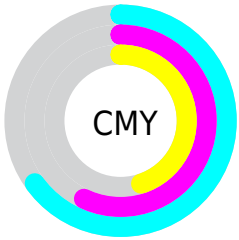
- Red (35%)
- Green (43%)
- Blue (55%)



- Red (35%)
- Yellow (41%)
- Blue (55%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 90, 109, 141 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 90, 109, 141 by changing the saturation by 10% instead.

90, 109, 141	90, 109, 141
255, 255, 255	65, 85, 115
142, 160, 195	41, 62, 91
169, 187, 223	16, 40, 67
196, 215, 251	0, 20, 45
224, 243, 255	0, 1, 24
253, 255, 255	0, 0, 0

90, 109, 141	90, 109, 141
76, 100, 141	104, 118, 141
62, 91, 141	118, 127, 141

48, 82, 141

34, 74, 141

20, 65, 141

5, 56, 141

0, 53, 141

132, 136, 141

146, 144, 141

161, 153, 141

175, 162, 141

189, 171, 141

203, 180, 141

217, 189, 141

Harmonies

Analogous

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

68, 114, 137

90, 109, 141

113, 103, 136

Triad

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

90, 109, 141

141, 98, 91

81, 116, 93

Complementary

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

90, 109, 141

141, 122, 90

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.

100, 113, 80

90, 109, 141

132, 102, 79

Square

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

90, 109, 141

141, 96, 107

118, 108, 75

64, 117, 110

Rectangle

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

90, 109, 141

126, 100, 128

118, 108, 75

87, 115, 88

Sweetspot

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

90, 109, 141

163, 171, 184

90, 141, 121

80, 84, 92

219, 219, 219

92, 92, 92

Same Dimension

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

90, 109, 141

105, 134, 184

96, 90, 141

64, 67, 71

0, 50, 135

0, 3, 8

Inverse Universe

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

141, 90, 109

184, 105, 134

135, 141, 90

71, 64, 67

135, 0, 50

8, 0, 3

Previews

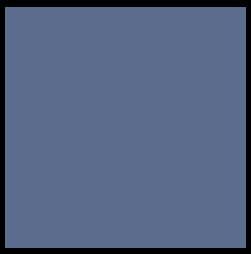
White Background

This preview shows how the RGB color 90, 109, 141 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



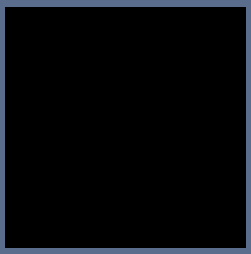
This preview shows how the RGB color 90, 109, 141 looks on a black background.

Color Contrast Check

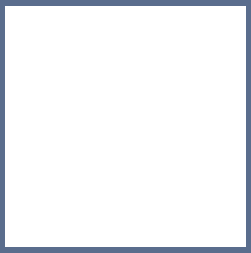
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 90, 109, 141 Background



This preview shows how black text looks on a background with the RGB color 90, 109, 141.



This preview shows how white text looks on a background with the RGB color 90, 109, 141.

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

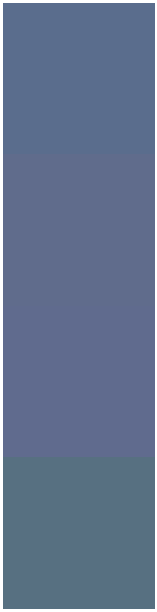
Original Color
90, 109, 141

Protanopia
99, 107, 139

Deuteranopia
100, 106, 142

Tritanopia
85, 113, 122

Trichromacy



Original Color
90, 109, 141

Protanomaly
96, 108, 140

Deuteranomaly
96, 107, 142

Tritanomaly
87, 112, 129

Monochromacy

Original Color
90, 109, 141

Achromatopsia
107, 107, 107

Achromatomaly
101, 108, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 90, 109, 141 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(90, 109, 141) looks like.

```
.text, #text, p{
    color:rgb(90, 109, 141)
}
```

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(90, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 109, 141) }
```

Border

The CSS property to change the border of an element to RGB 90, 109, 141 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(90, 109, 141) }
```

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

```
.border{ border-color:rgb(90, 109, 141) }
```

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

Here you see how a box with a 4 pixel rgb(90, 109, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(90, 109, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(90, 109, 141); box-shadow:4px 4px 4px 4px rgb(90, 109, 141) }
```

Background

The CSS property to change the background color of an element to RGB 90, 109, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(90, 109, 141) }
```

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

```
.background{ background-color:rgb(90, 109,
141) }
```

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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