Converting Colors

RGB(62, 83, 130)

Have a look what the booklet for RGB(62, 83, 130) contains.

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Color

RGB(62, 83, 130)

Conversions

Conversions Part 1

Format	Color
Hex	3E5382
RGB	62, 83, 130
RGB Percent	24%, 33%, 51%
CMY	0.7569, 0.6745, 0.4902
CMYK	0.52, 0.36, 0.00, 0.49
HSL	221°, 35%, 38%
HSV	221°, 52%, 51%
XYZ	9.1091, 8.8224, 22.3419
YIQ	82.0790, -27.6030, 10.1650

Conversions

Conversions Part 2

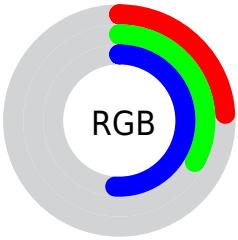
Format	Color
RYB	62, 78, 130
Decimal	4084610
CIELab	35.64, 6.23, -28.93
CIELCh	36, 29.592, 282.149
Yxy	8.8224, 0.2262, 0.2191
Android (android.graphics.Color)	4282274690 (0xFF3E5382)
YUV	82.0790, 23.6251, -17.6093
Hunter-Lab	29.7024, 2.7630, -23.8056

Details

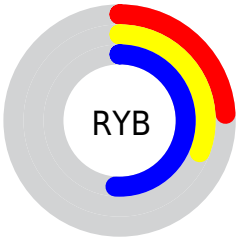
The RGB color 62, 83, 130 is a dark color, and the websafe version is hex 336699. A complement of this color would be 130, 109, 62, and the grayscale version is 82, 82, 82.

A 20% lighter version of the original color is 114, 132, 183, and 3, 39, 80 is the 20% darker color. If you saturate the color by 10%, you get 49, 74, 130, and if you desaturate by 10%, it is 75, 92, 130.

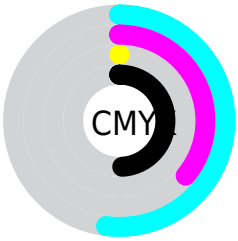
Distribution



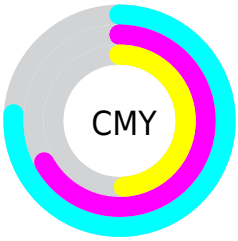
- Red (24%)
- Green (33%)
- Blue (51%)



- Red (24%)
- Yellow (31%)
- Blue (51%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (49%)



- Cyan (76%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 62, 83, 130 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 62, 83, 130 by changing the saturation by 10% instead.

62, 83, 130

255, 255, 255

114, 132, 183

141, 158, 211

168, 185, 239

196, 213, 255

224, 241, 255

253, 255, 255

62, 83, 130

36, 60, 105

3, 39, 80

0, 18, 57

0, 2, 35

0, 0, 10

0, 0, 0

62, 83, 130

62, 83, 130

49, 74, 130

75, 92, 130

36, 65, 130

23, 56, 130

10, 47, 130

0, 40, 130

88, 101, 130

101, 110, 130

114, 119, 130

127, 128, 130

140, 137, 130

153, 146, 130

166, 155, 130

179, 164, 130

Harmonies

Analogous

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

0, 90, 129

62, 83, 130

98, 74, 119

Triad

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

62, 83, 130

124, 69, 53

27, 95, 69

Complementary

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

62, 83, 130

130, 109, 62

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.

63, 91, 47

62, 83, 130

110, 77, 38

Square

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

62, 83, 130

129, 64, 75

89, 86, 36

0, 96, 93

Rectangle

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

62, 83, 130

114, 68, 106

89, 86, 36

41, 94, 61

Sweetspot

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

62, 83, 130

141, 150, 168

62, 130, 108

68, 73, 84

212, 212, 212

84, 84, 84

Same Dimension

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

62, 83, 130

62, 95, 168

74, 62, 130

57, 59, 64

0, 39, 128

0, 0, 0

Inverse Universe

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

130, 62, 83

168, 62, 95

118, 130, 62

64, 57, 59

128, 0, 39

0, 0, 0

Previews

White Background

This preview shows how the RGB color 62, 83, 130 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 ✓ Pass

Black Background

This preview shows how the RGB color 62, 83, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
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 62, 83, 130 Background

This preview shows how black text looks on a background with the RGB color 62, 83, 130.

This preview shows how white text looks on a background with the RGB color 62, 83, 130.

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
62, 83, 130

Protanopia
67, 82, 129

Deuteranopia
60, 84, 130

Tritanopia
51, 90, 97

Trichromacy

Original Color
62, 83, 130

Protanomaly
65, 82, 129

Deuteranomaly
61, 84, 130

Tritanomaly
55, 87, 109

Monochromacy

Original Color
62, 83, 130

Achromatopsia
82, 82, 82

Achromatomaly
75, 82, 99

CSS Examples

Text

The CSS property to change the color of the text to RGB 62, 83, 130 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(62, 83, 130) looks like.

```
.text, #text, p{
    color:rgb(62, 83, 130)
}
```

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(62, 83, 130) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(62, 83, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 83, 130) }
```

Border

The CSS property to change the border of an element to RGB 62, 83, 130 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(62, 83, 130) }
```

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

```
.border{ border-color:rgb(62, 83, 130) }
```

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

Here you see how a box with a 4 pixel rgb(62, 83, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 83, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 83, 130); box-shadow:4px 4px 4px 4px rgb(62, 83, 130) }
```

Background

The CSS property to change the background color of an element to RGB 62, 83, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(62, 83, 130) }
```

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

```
.background{ background-color:rgb(62, 83, 130) }
```

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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