Converting Colors

RYB(60, 102, 129)

Have a look what the booklet for RYB(60, 102, 129) contains.

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Color

RYB(60, 102, 129)

Conversions

Conversions Part 1

Format	Color
Hex	3C8168
RGB	60, 129, 104
RGB Percent	24%, 51%, 41%
CMY	0.7647, 0.4941, 0.5908
CMYK	0.53, 0.00, 0.19, 0.49
HSL	159°, 37%, 37%
HSV	159°, 53%, 51%
XYZ	12.2306, 17.6679, 15.9576
YIQ	105.5190, -33.0990, -22.4030

Conversions

Conversions Part 2

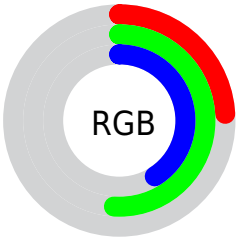
Format	Color
RYB	60, 102, 129
Decimal	3965288
CIELab	49.09, -28.13, 6.78
CIELCh	49, 28.940, 166.453
Yxy	17.6679, 0.2667, 0.3853
Android (android.graphics.Color)	4282155368 (0xFF3C8168)
YUV	105.5190, -0.7489, -39.9202
Hunter-Lab	42.0332, -21.6191, 6.9142

Details

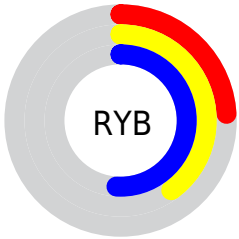
The RYB color 60, 102, 129 is a dark color, and the websafe version is hex 669966. A complement of this color would be 129, 60, 85, and the grayscale version is 106, 106, 106.

A 20% lighter version of the original color is 113, 156, 182, and 0, 46, 79 is the 20% darker color. If you saturate the color by 10%, you get 47, 97, 129, and if you desaturate by 10%, it is 73, 107, 129.

Distribution

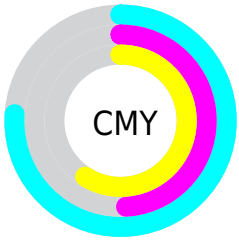


- Red (24%)
- Green (51%)
- Blue (41%)



- Red (24%)
- Yellow (40%)
- Blue (51%)

- Cyan (53%)
- Magenta (0%)
- Yellow (19%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 60, 102, 129 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 RYB color 60, 102, 129 by changing the saturation by 10% instead.

60, 102, 129	60, 102, 129
255, 255, 255	32, 75, 104
113, 156, 182	0, 46, 79
140, 184, 210	0, 34, 56
167, 212, 239	0, 25, 35
195, 230, 255	0, 0, 0
224, 240, 255	
253, 254, 255	

60, 102, 129	60, 102, 129
47, 97, 129	73, 107, 129

34, 92, 129

21, 87, 129

8, 82, 129

0, 78, 129

86, 112, 129

99, 117, 129

112, 122, 129

125, 128, 129

137, 129, 132

150, 129, 137

163, 129, 141

176, 129, 146

Harmonies

Analogous

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

82, 126, 116

60, 102, 129

22, 76, 130

Triad

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

60, 102, 129

103, 112, 164

159, 111, 82

Complementary

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

60, 102, 129

129, 60, 85

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.

165, 98, 104

60, 102, 129

136, 105, 151

Square

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

60, 102, 129

61, 99, 164

157, 99, 129

125, 143, 69

Rectangle

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

60, 102, 129

3, 70, 145

157, 99, 129

162, 103, 89

Sweetspot

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

60, 102, 129

141, 157, 168

60, 129, 104

68, 78, 84

212, 212, 212

84, 84, 84

Same Dimension

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

60, 102, 129

61, 126, 168

60, 92, 129

57, 61, 64

0, 78, 128

0, 0, 0

Inverse Universe

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

129, 60, 85

168, 61, 99

129, 70, 60

64, 57, 60

128, 0, 46

0, 0, 0

Previews

White Background

This preview shows how the RYB color 60, 102, 129 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

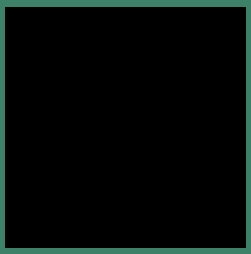
This preview shows how the RYB color 60, 102, 129 looks on a black background.

Color Contrast Check

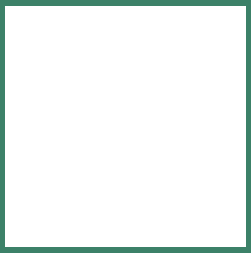
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 60, 102, 129 Background



This preview shows how black text looks on a background with the RYB color 60, 102, 129.



This preview shows how white text looks on a background with the RYB color 60, 102, 129.

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
60, 102, 129

Protanopia
106, 122, 98

Deuteranopia
130, 113, 108

Tritanopia
69, 99, 135

Trichromacy

Original Color
60, 102, 129

Protanomaly
99, 120, 121

Deuteranomaly
105, 116, 118

Tritanomaly
66, 97, 126

Monochromacy

Original Color
60, 102, 129

Achromatopsia
106, 106, 106

Achromatomaly
89, 104, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 60, 102, 129 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(60, 129, 104) looks like.

```
.text, #text, p{
    color:rgb(60, 129, 104)
}
```

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(60, 129, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 129, 104) }
```

Border

The CSS property to change the border of an element to RYB 60, 102, 129 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(60, 129, 104) }
```

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

```
.border{ border-color:rgb(60, 129, 104) }
```

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

Here you see how a box with a 4 pixel rgb(60, 129, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(60, 129, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(60, 129, 104); box-shadow:4px 4px 4px 4px rgb(60, 129, 104) }
```

Background

The CSS property to change the background color of an element to RYB 60, 102, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(60, 129, 104) }
```

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

```
.background{ background-color:rgb(60, 129,
104) }
```

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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