

Converting Colors

RGB(60, 112, 163)

Have a look what the booklet for
RGB(60, 112, 163) contains.

RGB(60, 112, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(60, 112, 163)

Conversions

Conversions Part 1

Format	Color
Hex	3C70A3
RGB	60, 112, 163
RGB Percent	24%, 44%, 64%
CMY	0.7647, 0.5608, 0.3608
CMYK	0.63, 0.31, 0.00, 0.36
HSL	210°, 46%, 44%
HSV	210°, 63%, 64%
XYZ	14.2685, 15.1933, 36.8309
YIQ	102.2660, -47.3630, 4.8370

Conversions

Conversions Part 2

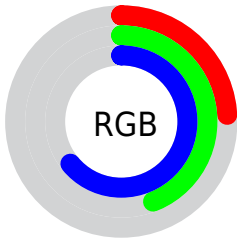
Format	Color
R_{YB}	60, 95, 163
Decimal	3960995
CIE _{Lab}	45.90, -1.07, -32.63
CIE _{LCh}	46, 32.649, 268.130
Yxy	15.1933, 0.2152, 0.2292
Android (android.graphics.Color)	4282151075 (0xFF3C70A3)
YUV	102.2660, 29.9419, -37.0673
Hunter-Lab	38.9786, -2.8710, -28.7381

Details

The RGB color **60, 112, 163** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **163, 111, 60**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **117, 163, 218**, and **0, 65, 111** is the 20% darker color. If you saturate the color by 10%, you get **44, 104, 163**, and if you desaturate by 10%, it is **76, 120, 163**.

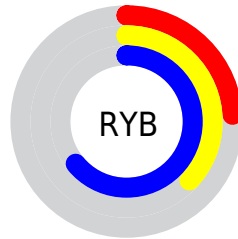
Distribution



Red (24%)

Green (44%)

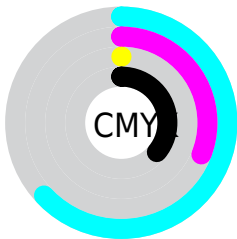
Blue (64%)



Red (24%)

Yellow (37%)

Blue (64%)

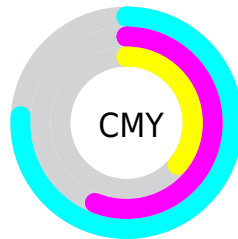


Cyan (63%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (76%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 112, 163 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 60, 112, 163 by changing the saturation by 10% instead.

■ 60, 112, 163

255, 255, 255

■ 117, 163, 218

■ 145, 190, 247

■ 173, 218, 255

■ 202, 247, 255

■ 231, 255, 255

■ 60, 112, 163

■ 27, 88, 137

■ 0, 65, 111

■ 0, 43, 86

■ 0, 23, 63

■ 0, 3, 40

■ 0, 1, 18

■ 0, 0, 0

■ 60, 112, 163

■ 44, 104, 163

■ 60, 112, 163

■ 76, 120, 163

■ 27, 96, 163

■ 93, 128, 163

■ 11, 88, 163

■ 109, 136, 163

■ 0, 82, 163

■ 125, 144, 163

■ 141, 152, 163

■ 158, 160, 163

■ 174, 168, 163

■ 190, 177, 163

■ 207, 185, 163

Harmonies

Analogous

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



0, 119, 154



60, 112, 163



108, 102, 157

Triad

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



60, 112, 163



160, 89, 84



66, 120, 79

Complementary

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



60, 112, 163



163, 111, 60

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.



99, 115, 59



60, 112, 163



148, 97, 63

Square

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



60, 112, 163



158, 87, 112



127, 107, 53



9, 123, 106

Rectangle

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



60, 112, 163



132, 95, 145



127, 107, 53



78, 119, 71

Sweetspot

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



60, 112, 163



171, 192, 212



60, 163, 110



82, 95, 107



235, 235, 235



107, 107, 107

Same Dimension

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



60, 112, 163



51, 132, 212



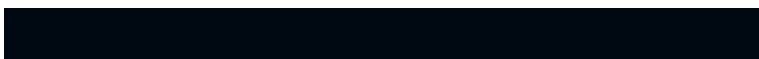
60, 62, 163



73, 78, 82



0, 73, 145



0, 9, 18

Inverse Universe

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



163, 60, 112



212, 51, 132



163, 161, 60



82, 73, 78



145, 0, 73



18, 0, 9

Previews

White Background



This preview shows how the RGB color 60, 112, 163 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 60, 112, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

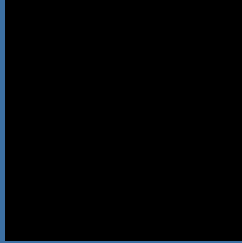
Any Text WCAG AA × Fail

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 60, 112, 163 Background



This preview shows how black text looks on a background with the RGB color 60, 112, 163.



This preview shows how white text looks on a background with the RGB color 60, 112, 163.

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, 112, 163

Protanopia

91, 106, 158

Deuteranopia

82, 108, 164



Tritanopia
42, 119, 128

Trichromacy



Original Color

60, 112, 163

Protanomaly

80, 108, 160

Deuteranomaly

74, 109, 164

Tritanomaly

49, 116, 141

Monochromacy



Original Color

60, 112, 163

Achromatopsia

102, 102, 102

Achromatomaly

87, 106, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 112, 163 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, 112, 163)` looks like.

```
.text, #text, p{  
    color:rgb(60, 112, 163)  
}
```

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, 112, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 112, 163) }
```

Border

The CSS property to change the border of an element to RGB 60, 112, 163 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, 112, 163) }
```

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

```
.border{ border-color:rgb(60, 112, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 112, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 112, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 112, 163);  
box-shadow:4px 4px 4px 4px rgb(60, 112,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 60, 112, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 112, 163) }
```

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

```
.background{ background-color: rgb(60, 112,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor