

Converting Colors

RGB(85, 152, 170)

Have a look what the booklet for
RGB(85, 152, 170) contains.

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Color

RGB(85, 152, 170)

Conversions

Conversions Part 1

Format	Color
Hex	5598AA
RGB	85, 152, 170
RGB Percent	33%, 60%, 67%
CMY	0.6667, 0.4039, 0.3333
CMYK	0.50, 0.11, 0.00, 0.33
HSL	193°, 33%, 50%
HSV	193°, 50%, 67%
XYZ	22.2302, 27.2900, 42.1261
YIQ	134.0190, -45.7100, -8.6060

Conversions

Conversions Part 2

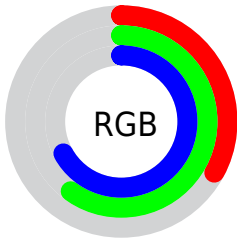
Format	Color
R_{YB}	85, 122, 170
Decimal	5609642
CIE _{Lab}	59.24, -16.26, -16.01
CIE _{LCh}	59, 22.814, 224.557
Yxy	27.2900, 0.2426, 0.2978
Android (android.graphics.Color)	4283799722 (0xFF5598AA)
YUV	134.0190, 17.7386, -42.9897
Hunter-Lab	52.2399, -15.4606, -11.2433

Details

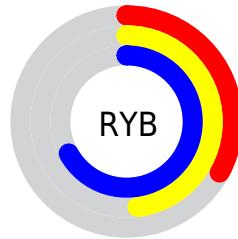
The RGB color `85, 152, 170` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `170, 103, 85`, and the grayscale version is `134, 134, 134`.

A 20% lighter version of the original color is `140, 206, 225`, and `25, 101, 118` is the 20% darker color. If you saturate the color by 10%, you get `68, 148, 170`, and if you desaturate by 10%, it is `102, 156, 170`.

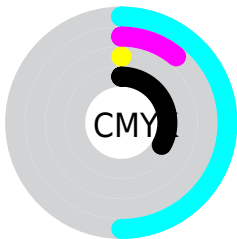
Distribution



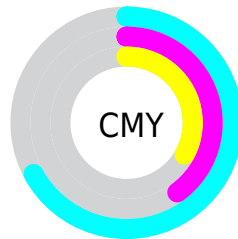
- Red (33%)
- Green (60%)
- Blue (67%)



- Red (33%)
- Yellow (48%)
- Blue (67%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 152, 170 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 85, 152, 170 by changing the saturation by 10% instead.



85, 152, 170



85, 152, 170

255, 255, 255



57, 126, 143



140, 206, 225



25, 101, 118



168, 235, 254



0, 77, 93



196, 255, 255



0, 54, 70



225, 255, 255



0, 33, 47

255, 255, 255



0, 1, 27



0, 0, 0



85, 152, 170



85, 152, 170



68, 148, 170



102, 156, 170

■ 51, 145, 170

■ 119, 159, 170

■ 34, 141, 170

■ 136, 163, 170

■ 17, 138, 170

■ 153, 166, 170

■ 0, 134, 170

■ 170, 170, 170

■ 187, 174, 170

■ 204, 177, 170

■ 221, 181, 170

■ 238, 184, 170

Harmonies

Analogous

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



86, 154, 152



85, 152, 170



104, 148, 181

Triad

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



85, 152, 170



176, 129, 154



147, 144, 104

Complementary

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



85, 152, 170



170, 103, 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.



167, 138, 104



85, 152, 170



183, 128, 133

Square

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



85, 152, 170



158, 134, 171



180, 132, 115



125, 150, 114

Rectangle

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



85, 152, 170



122, 143, 182



180, 132, 115



154, 142, 103

Sweetspot

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



85, 152, 170



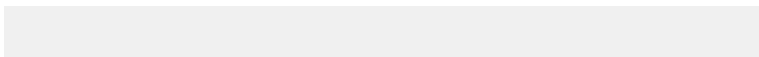
189, 215, 222



85, 170, 102



92, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



85, 152, 170



89, 194, 222



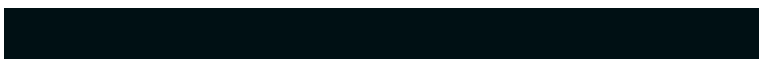
85, 110, 170



76, 82, 84



0, 117, 148



0, 16, 20

Inverse Universe

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



170, 85, 152



222, 89, 194



170, 144, 85



84, 76, 82



148, 0, 117



20, 0, 16

Previews

White Background



This preview shows how the RGB color 85, 152, 170 looks on a white background.

Color Contrast Check

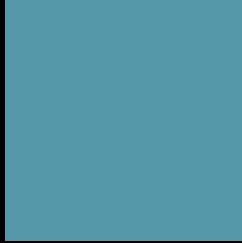
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 85, 152, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

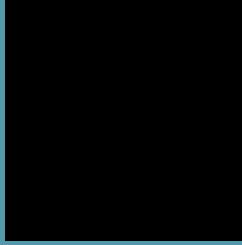
Any Text WCAG AA ✓ Pass

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](#).

RGB 85, 152, 170 Background



This preview shows how black text looks on a background with the RGB color 85, 152, 170.

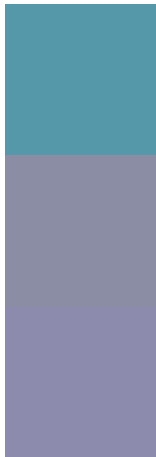


This preview shows how white text looks on a background with the RGB color 85, 152, 170.

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
85, 152, 170

Protanopia
138, 141, 163

Deuteranopia
140, 139, 173



Tritanopia
83, 153, 165

Trichromacy



Original Color
85, 152, 170

Protanomaly
119, 145, 166

Deuteranomaly
120, 144, 172

Tritanomaly
84, 153, 167

Monochromacy



Original Color
85, 152, 170

Achromatopsia
134, 134, 134

Achromatomaly
116, 141, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 152, 170 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(85, 152, 170)` looks like.

```
.text, #text, p{  
    color:rgb(85, 152, 170)  
}
```

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(85, 152, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 152, 170) }
```

Border

The CSS property to change the border of an element to RGB 85, 152, 170 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(85, 152, 170) }
```

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

```
.border{ border-color:rgb(85, 152, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 152, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(85, 152,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 85, 152, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 152, 170) }
```

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

```
.background{ background-color: rgb(85, 152,  
170) }
```

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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