

Converting Colors

RGB(76, 143, 190)

Have a look what the booklet for
RGB(76, 143, 190) contains.

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Color

RGB(76, 143, 190)

Conversions

Conversions Part 1

Format	Color
Hex	4C8FBE
RGB	76, 143, 190
RGB Percent	30%, 56%, 75%
CMY	0.7020, 0.4392, 0.2549
CMYK	0.60, 0.25, 0.00, 0.25
HSL	205°, 47%, 52%
HSV	205°, 60%, 75%
XYZ	22.0972, 24.8991, 52.3566
YIQ	128.3250, -55.0190, 0.4130

Conversions

Conversions Part 2

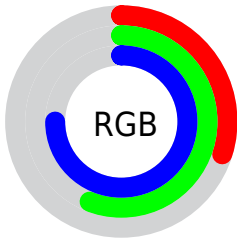
Format	Color
RYB	76, 118, 190
Decimal	5017534
CIELab	56.98, -7.11, -30.86
CIELCh	57, 31.673, 257.029
Yxy	24.8991, 0.2224, 0.2506
Android (android.graphics.Color)	4283207614 (0xFF4C8FBE)
YUV	128.3250, 30.4058, -45.8890
Hunter-Lab	49.8990, -8.2766, -27.2807

Details

The RGB color **76, 143, 190** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **190, 123, 76**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **134, 197, 247**, and **0, 93, 136** is the 20% darker color. If you saturate the color by 10%, you get **57, 135, 190**, and if you desaturate by 10%, it is **95, 151, 190**.

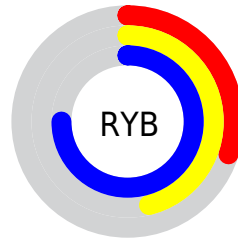
Distribution



Red (30%)

Green (56%)

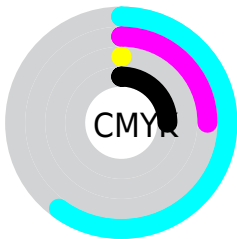
Blue (75%)



Red (30%)

Yellow (46%)

Blue (75%)

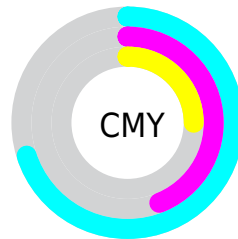


Cyan (60%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (70%)



















Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 143, 190 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 76, 143, 190 by changing the saturation by 10% instead.

 76, 143, 190	 76, 143, 190
 255, 255, 255	 44, 117, 163
 134, 197, 247	 0, 93, 136
 162, 225, 255	 0, 69, 111
 191, 253, 255	 0, 47, 86
 221, 255, 255	 0, 27, 63
 250, 255, 255	 0, 3, 41
	 0, 1, 18
	 0, 0, 0
 76, 143, 190	 76, 143, 190

■ 57, 135, 190

■ 95, 151, 190

■ 38, 127, 190

■ 114, 159, 190

■ 19, 119, 190

■ 133, 167, 190

■ 0, 112, 190

■ 152, 174, 190

■ 171, 182, 190

■ 190, 190, 190

■ 209, 198, 190

■ 228, 206, 190

■ 247, 214, 190

Harmonies

Analogous

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



29, 149, 176



76, 143, 190



122, 134, 189

Triad

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



76, 143, 190



191, 116, 122



108, 147, 98

Complementary

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



76, 143, 190



190, 123, 76

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.



139, 140, 83



76, 143, 190



184, 122, 98

Square

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



76, 143, 190



183, 117, 150



166, 131, 83



73, 151, 123

Rectangle

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



76, 143, 190



148, 127, 181



166, 131, 83



119, 145, 92

Sweetspot

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



76, 143, 190



203, 229, 247



76, 190, 122



97, 114, 125



252, 252, 252



125, 125, 125

Same Dimension

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



76, 143, 190



69, 174, 247



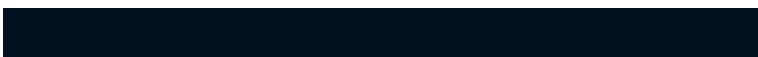
76, 87, 190



85, 90, 94



0, 93, 158



0, 18, 31

Inverse Universe

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



190, 76, 143



247, 69, 174



190, 179, 76



94, 85, 90



158, 0, 93



31, 0, 18

Previews

White Background



This preview shows how the RGB color 76, 143, 190 looks on a white background.

Color Contrast Check

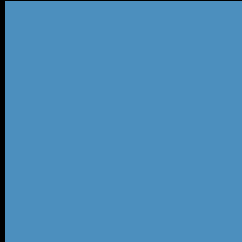
Large Text (above 18pt) WCAG AA ✓ Pass

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 76, 143, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

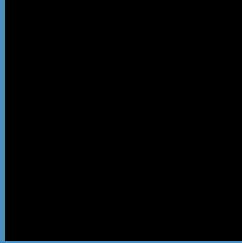
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

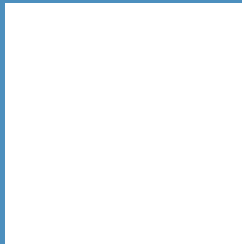
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 76, 143, 190 Background



This preview shows how black text looks on a background with the RGB color 76, 143, 190.

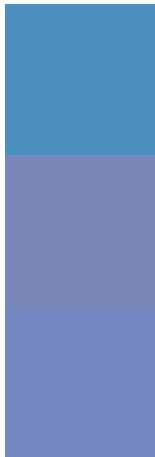


This preview shows how white text looks on a background with the RGB color 76, 143, 190.

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
76, 143, 190

Protanopia
122, 134, 183

Deuteranopia
116, 135, 192



Tritanopia
63, 148, 160

Trichromacy



Original Color
76, 143, 190

Protanomaly
105, 137, 186

Deuteranomaly
101, 138, 191

Tritanomaly
68, 146, 171

Monochromacy



Original Color
76, 143, 190

Achromatopsia
128, 128, 128

Achromatomaly
109, 133, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 143, 190 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(76, 143, 190)` looks like.

```
.text, #text, p{  
    color:rgb(76, 143, 190)  
}
```

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(76, 143, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 143, 190) }
```

Border

The CSS property to change the border of an element to RGB 76, 143, 190 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(76, 143, 190) }
```

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

```
.border{ border-color:rgb(76, 143, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 143, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 143, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 143, 190);  
box-shadow:4px 4px 4px 4px rgb(76, 143,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 76, 143, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 143, 190) }
```

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

```
.background{ background-color: rgb(76, 143,  
190) }
```

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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