Converting Colors

RGB(0, 82, 132)

Have a look what the booklet for RGB(0, 82, 132) contains.

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Color

RGB(0, 82, 132)

Conversions

Format	Color
Hex	005284
RGB	0, 82, 132
RGB Percent	0%, 32%, 52%
CMY	1.0000, 0.6784, 0.4824
CMYK	1.00, 0.38, 0.00, 0.48
HSL	203°, 100%, 26%
HSV	203°, 100%, 52%
XYZ	7.1822, 7.7005, 22.9376
YIQ	63.1820, -64.9220, -1.8340

Conversions Part 1

Conversions

Conversions Part 2

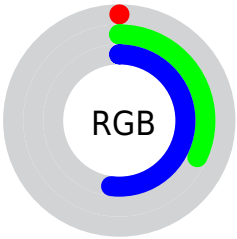
Format	Color
RYB	0, 51, 132
Decimal	21124
CIELab	33.35, -1.34, -33.92
CIELCh	33, 33.941, 267.745
Yxy	7.7005, 0.1899, 0.2036
Android (android.graphics.Color)	4278211204 (0xFF005284)
YUV	63.1820, 33.9273, -55.4106
Hunter-Lab	27.7498, -2.3632, -29.5834

Details

The RGB color 0, 82, 132 is a dark color, and the websafe version is hex 006699. A complement of this color would be 132, 50, 0, and the grayscale version is 63, 63, 63.

A 20% lighter version of the original color is 78, 131, 185, and 0, 38, 82 is the 20% darker color. If you saturate the color by 10%, you get 0, 82, 132, and if you desaturate by 10%, it is 13, 87, 132.

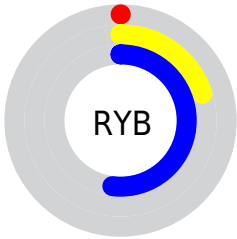
Distribution



Red (0%)

Green (32%)

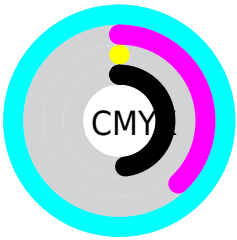
Blue (52%)



Red (0%)

Yellow (20%)

Blue (52%)

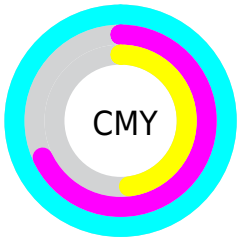


Cyan (100%)

Magenta (38%)

Yellow (0%)

Black (48%)



Cyan (100%)

Magenta (68%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 82, 132 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 0, 82, 132 by changing the saturation by 10% instead.

0, 82, 132

255, 255, 255

78, 131, 185

106, 157, 213

134, 184, 242

163, 211, 255

191, 240, 255

221, 255, 255

250, 255, 255

0, 82, 132

0, 82, 132

0, 59, 107

0, 38, 82

0, 17, 59

0, 2, 36

0, 0, 13

0, 0, 0

0, 82, 132

13, 87, 132

26, 92, 132

40, 97, 132

53, 102, 132

66, 107, 132

79, 112, 132

92, 117, 132

106, 122, 132

119, 127, 132

Harmonies

Analogous

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

0, 88, 123

0, 82, 132

76, 72, 126

Triad

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

0, 82, 132

127, 57, 55

32, 89, 49

Complementary

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

0, 82, 132

132, 50, 0

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.

68, 84, 28

0, 82, 132

115, 66, 33

Square

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

0, 82, 132

126, 55, 82

95, 76, 21

0, 91, 75

Rectangle

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

0, 82, 132

100, 65, 115

95, 76, 21

47, 88, 41

Sweetspot

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

0, 82, 132

120, 151, 171

0, 132, 48

55, 75, 87

214, 214, 214

87, 87, 87

Same Dimension

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

0, 82, 132

0, 106, 171

0, 18, 132

60, 64, 66

0, 81, 130

0, 2, 3

Inverse Universe

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

132, 0, 82

171, 0, 106

132, 114, 0

66, 60, 64

130, 0, 81

3, 0, 2

Previews

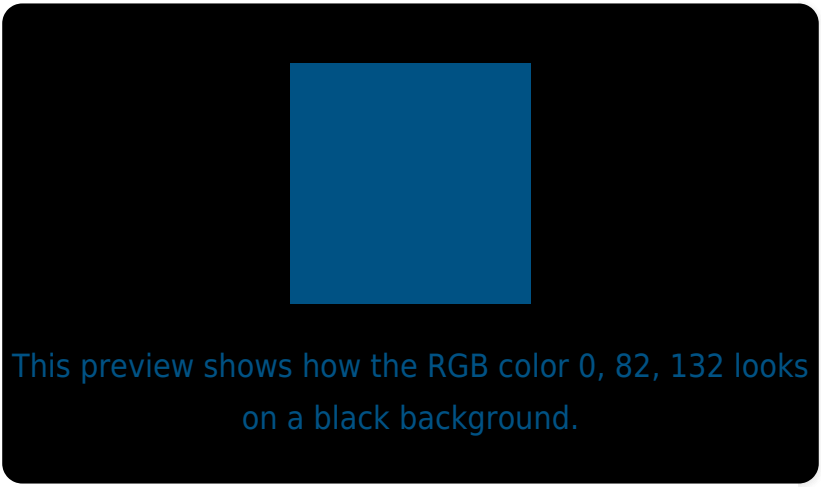
White Background

This preview shows how the RGB color 0, 82, 132 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



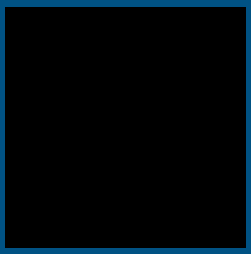
This preview shows how the RGB color 0, 82, 132 looks on a black background.

Color Contrast Check

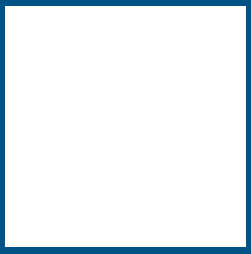
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 0, 82, 132 Background



This preview shows how black text looks on a background with the RGB color 0, 82, 132.



This preview shows how white text looks on a background with the RGB color 0, 82, 132.

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
0, 82, 132

Protanopia
59, 77, 127

Deuteranopia
41, 79, 133

Tritanopia
0, 87, 94

Trichromacy

Original Color
0, 82, 132

Protanomaly
38, 79, 129

Deuteranomaly
26, 80, 133

Tritanomaly
0, 85, 108

Monochromacy

Original Color
0, 82, 132

Achromatopsia
63, 63, 63

Achromatomaly
40, 70, 88

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 82, 132 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(0, 82, 132) looks like.

```
.text, #text, p{
    color:rgb(0, 82, 132)
}
```

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(0, 82, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 82, 132) }
```

Border

The CSS property to change the border of an element to RGB 0, 82, 132 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(0, 82, 132) }
```

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

```
.border{ border-color:rgb(0, 82, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 82, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 82, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 82, 132); box-shadow:4px 4px 4px 4px rgb(0, 82, 132) }
```

Background

The CSS property to change the background color of an element to RGB 0, 82, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(0, 82, 132) }
```

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

```
.background{ background-color:rgb(0, 82,
132) }
```

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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