

Converting Colors

RGB(48, 83, 141)

Have a look what the booklet for
RGB(48, 83, 141) contains.

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Color

RGB(48, 83, 141)

Conversions

Conversions Part 1

Format	Color
Hex	30538D
RGB	48, 83, 141
RGB Percent	19%, 33%, 55%
CMY	0.8118, 0.6745, 0.4471
CMYK	0.66, 0.41, 0.00, 0.45
HSL	217°, 49%, 37%
HSV	217°, 66%, 55%
XYZ	9.1199, 8.7380, 26.4052
YIQ	79.1470, -39.4780, 10.6180

Conversions

Conversions Part 2

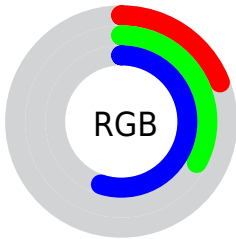
Format	Color
RYB	48, 73, 141
Decimal	3167117
CIELab	35.47, 7.03, -35.97
CIELCh	35, 36.652, 281.058
Yxy	8.7380, 0.2060, 0.1974
Android (android.graphics.Color)	4281357197 (0xFF30538D)
YUV	79.1470, 30.4935, -27.3159
Hunter-Lab	29.5601, 3.3408, -32.2701




Details

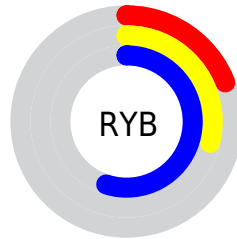
The RGB color **48, 83, 141** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **141, 106, 48**, and the grayscale version is **79, 79, 79**.




A 20% lighter version of the original color is **104, 132, 195**, and **0, 39, 90** is the 20% darker color. If you saturate the color by 10%, you get **34, 74, 141**, and if you desaturate by 10%, it is **62, 92, 141**.

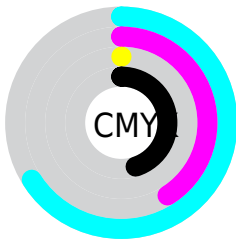
Distribution







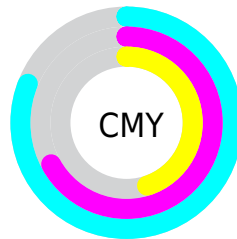
-  Red (19%)
-  Green (33%)
-  Blue (55%)






-  Red (19%)
-  Yellow (29%)
-  Blue (55%)



-  Cyan (66%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (81%)
-  Magenta (67%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 83, 141 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 48, 83, 141 by changing the saturation by 10% instead.



48, 83, 141



48, 83, 141

255, 255, 255



12, 60, 115



104, 132, 195



0, 39, 90



131, 158, 223



0, 19, 66



159, 185, 252



0, 3, 44



187, 213, 255



0, 1, 22



216, 241, 255



0, 0, 0



245, 255, 255



48, 83, 141



48, 83, 141



34, 74, 141



62, 92, 141

■ 20, 65, 141

■ 76, 101, 141

■ 6, 57, 141

■ 90, 109, 141

■ 0, 53, 141

■ 104, 118, 141

■ 119, 127, 141

■ 133, 136, 141

■ 147, 145, 141

■ 161, 153, 141

■ 175, 162, 141

Harmonies

Analogous

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



0, 92, 139



48, 83, 141



99, 71, 128

Triad

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



48, 83, 141



132, 64, 46



0, 96, 63

Complementary

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



48, 83, 141



141, 106, 48

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.



57, 92, 37



48, 83, 141



114, 75, 26

Square

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



48, 83, 141



137, 57, 74



89, 85, 21



0, 98, 94

Rectangle

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



48, 83, 141



120, 63, 112



89, 85, 21



25, 95, 54

Sweetspot

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



48, 83, 141



147, 161, 184



48, 141, 105



70, 78, 92



219, 219, 219



92, 92, 92

Same Dimension

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



48, 83, 141



39, 93, 184



59, 48, 141



64, 67, 71



0, 51, 135



0, 3, 8

Inverse Universe

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



141, 48, 83



184, 39, 93



130, 141, 48



71, 64, 67



135, 0, 51



8, 0, 3

Previews

White Background



This preview shows how the RGB color 48, 83, 141 looks on a white background.

Color Contrast Check

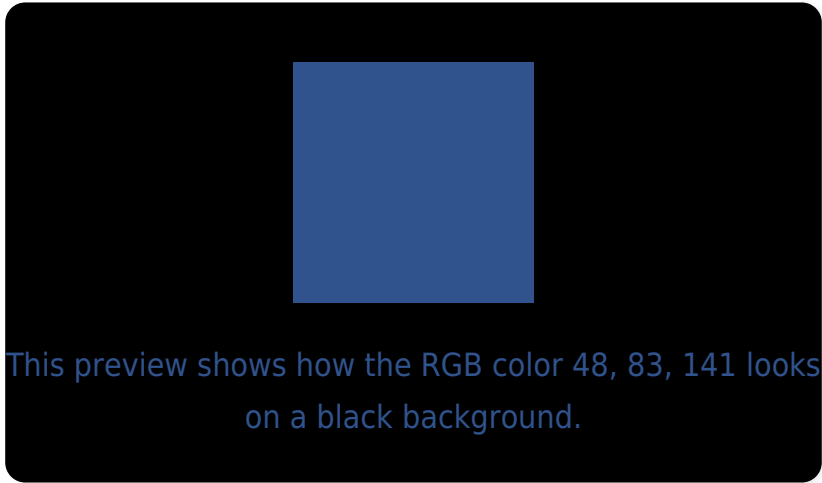
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

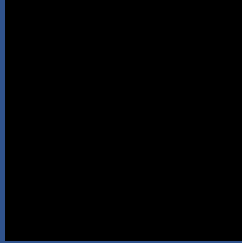
Any Text WCAG AA × Fail

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 48, 83, 141 Background



This preview shows how black text looks on a background with the RGB color 48, 83, 141.



This preview shows how white text looks on a background with the RGB color 48, 83, 141.

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


48, 83, 141

Protanopia

59, 81, 139

Deuteranopia

42, 84, 141



Tritanopia
21, 92, 99

Trichromacy



Original Color

48, 83, 141

Protanomaly

55, 82, 140

Deuteranomaly

44, 84, 141

Tritanomaly

31, 89, 114

Monochromacy



Original Color

48, 83, 141

Achromatopsia

79, 79, 79

Achromatomaly

68, 80, 102

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 83, 141 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(48, 83, 141)` looks like.

```
.text, #text, p{  
    color:rgb(48, 83, 141)  
}
```

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(48, 83, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 83, 141) }
```

Border

The CSS property to change the border of an element to RGB 48, 83, 141 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(48, 83, 141) }
```

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

```
.border{ border-color:rgb(48, 83, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 83, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 83, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 83, 141);  
box-shadow:4px 4px 4px 4px rgb(48, 83,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 48, 83, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 83, 141) }
```

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

```
.background{ background-color: rgb(48, 83,  
141) }
```

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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