

Converting Colors

RGB(48, 102, 114)

Have a look what the booklet for
RGB(48, 102, 114) contains.

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Color

RGB(48, 102, 114)

Conversions

Conversions Part 1

Format	Color
Hex	306672
RGB	48, 102, 114
RGB Percent	19%, 40%, 45%
CMY	0.8118, 0.6000, 0.5529
CMYK	0.58, 0.11, 0.00, 0.55
HSL	191°, 41%, 32%
HSV	191°, 58%, 45%
XYZ	9.0076, 11.3460, 17.6348
YIQ	87.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

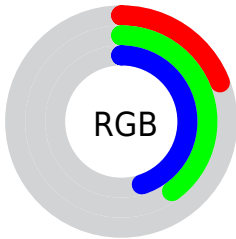
Format	Color
RYB	48, 78, 114
Decimal	3171954
CIELab	40.16, -14.10, -12.20
CIELCh	40, 18.640, 220.865
Yxy	11.3460, 0.2371, 0.2987
Android (android.graphics.Color)	4281362034 (0xFF306672)
YUV	87.2220, 13.2016, -34.3977
Hunter-Lab	33.6839, -11.2132, -7.4620

Details

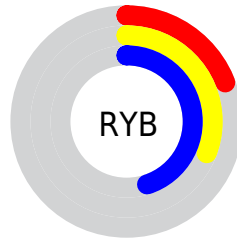
The RGB color **48, 102, 114** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **114, 60, 48**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **100, 153, 166**, and **0, 55, 66** is the 20% darker color. If you saturate the color by 10%, you get **37, 100, 114**, and if you desaturate by 10%, it is **59, 104, 114**.

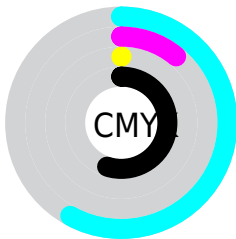
Distribution



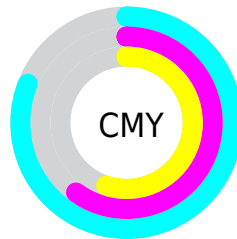
- Red (19%)
- Green (40%)
- Blue (45%)



- Red (19%)
- Yellow (31%)
- Blue (45%)



- Cyan (58%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (81%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 48, 102, 114 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, 102, 114 by changing the saturation by 10% instead.



48, 102, 114



48, 102, 114

255, 255, 255



19, 78, 89



100, 153, 166



0, 55, 66



127, 180, 193



0, 33, 44



154, 208, 221



0, 2, 24



182, 236, 249



0, 0, 0



210, 255, 255



239, 255, 255



48, 102, 114



48, 102, 114



37, 100, 114



59, 104, 114

■ 25, 98, 114

■ 71, 106, 114

■ 14, 96, 114

■ 82, 108, 114

■ 2, 94, 114

■ 94, 110, 114

■ 0, 93, 114

■ 105, 112, 114

■ 116, 114, 114

■ 128, 117, 114

■ 139, 119, 114

■ 151, 121, 114

Harmonies

Analogous

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



51, 103, 100



48, 102, 114



62, 99, 123

Triad

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



48, 102, 114



119, 85, 105



100, 95, 65

Complementary

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



48, 102, 114



114, 60, 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.



114, 90, 66



48, 102, 114



125, 83, 90

Square

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



48, 102, 114



104, 89, 118



123, 86, 75



83, 100, 71

Rectangle

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



48, 102, 114



76, 96, 125



123, 86, 75



105, 94, 64

Sweetspot

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



48, 102, 114



123, 143, 148



48, 114, 59



59, 71, 74



201, 201, 201



74, 74, 74

Same Dimension

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



48, 102, 114



46, 129, 148



48, 70, 114



50, 55, 56



0, 98, 120



0, 202, 247

Inverse Universe

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



114, 48, 102



148, 46, 129



114, 92, 48



56, 50, 55



120, 0, 98



247, 0, 202

Previews

White Background



This preview shows how the RGB color 48, 102, 114 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 48, 102, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

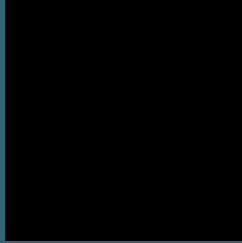
Any Text WCAG AA × Fail

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 48, 102, 114 Background



This preview shows how black text looks on a background with the RGB color 48, 102, 114.



This preview shows how white text looks on a background with the RGB color 48, 102, 114.

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, 102, 114

Protanopia

92, 93, 108

Deuteranopia

92, 92, 116



Tritanopia
47, 103, 111

Trichromacy



Original Color

48, 102, 114

Protanomaly

76, 96, 110

Deuteranomaly

76, 96, 115

Tritanomaly

47, 103, 112

Monochromacy



Original Color

48, 102, 114

Achromatopsia

87, 87, 87

Achromatomaly

73, 92, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 48, 102, 114 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, 102, 114)` looks like.

```
.text, #text, p{  
    color:rgb(48, 102, 114)  
}
```

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, 102, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 102, 114) }
```

Border

The CSS property to change the border of an element to RGB 48, 102, 114 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, 102, 114) }
```

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

```
.border{ border-color:rgb(48, 102, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 102, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 102, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 102, 114);  
box-shadow:4px 4px 4px 4px rgb(48, 102,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 48, 102, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 102, 114) }
```

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

```
.background{ background-color: rgb(48, 102,  
114) }
```

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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