

Converting Colors

RGB(44, 132, 108)

Have a look what the booklet for
RGB(44, 132, 108) contains.

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Color

RGB(44, 132, 108)

Conversions

Conversions Part 1

Format	Color
Hex	2C846C
RGB	44, 132, 108
RGB Percent	17%, 52%, 42%
CMY	0.8275, 0.4824, 0.5765
CMYK	0.67, 0.00, 0.18, 0.48
HSL	164°, 50%, 35%
HSV	164°, 67%, 52%
XYZ	11.9967, 18.1207, 17.0527
YIQ	102.9520, -44.7440, -26.1200

Conversions

Conversions Part 2

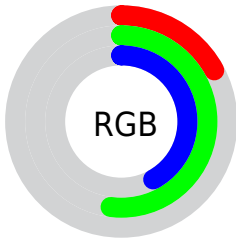
Format	Color
RYB	44, 95, 132
Decimal	2917484
CIELab	49.64, -32.13, 5.37
CIElCh	50, 32.576, 170.511
Yxy	18.1207, 0.2543, 0.3842
Android (android.graphics.Color)	4281107564 (0xFF2C846C)
YUV	102.9520, 2.4887, -51.7009
Hunter-Lab	42.5684, -24.1894, 6.0466




Details

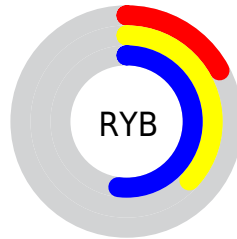
The RGB color **44, 132, 108** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **132, 44, 68**, and the grayscale version is **103, 103, 103**.




A 20% lighter version of the original color is **101, 186, 159**, and **0, 82, 61** is the 20% darker color. If you saturate the color by 10%, you get **31, 132, 104**, and if you desaturate by 10%, it is **57, 132, 112**.

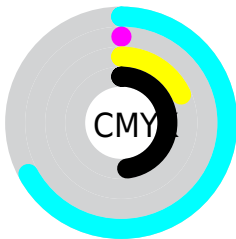
Distribution







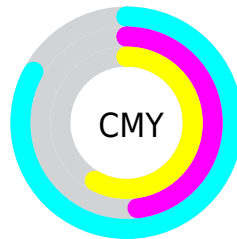
-  Red (17%)
-  Green (52%)
-  Blue (42%)






-  Red (17%)
-  Yellow (37%)
-  Blue (52%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (18%)
-  Black (48%)





-  Cyan (83%)
-  Magenta (48%)
-  Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RGB color 44, 132, 108 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 44, 132, 108 by changing the saturation by 10% instead.

 44, 132, 108

 44, 132, 108

255, 255, 255

 2, 106, 84

 101, 186, 159

 0, 82, 61

 128, 214, 186

 0, 58, 39

 156, 242, 214


 0, 37, 18


 184, 255, 242


 0, 0, 0


 213, 255, 255

 242, 255, 255

 44, 132, 108

 44, 132, 108

 31, 132, 104

 57, 132, 112

■ 18, 132, 101

■ 70, 132, 115

■ 4, 132, 97

■ 84, 132, 119

■ 0, 132, 96

■ 97, 132, 122

■ 110, 132, 126

■ 123, 132, 130

■ 136, 132, 133

■ 150, 132, 137

■ 163, 132, 140

Harmonies

Analogous

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



85, 129, 82



44, 132, 108



0, 132, 136

Triad

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



44, 132, 108



108, 114, 170



163, 104, 76

Complementary

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



44, 132, 108



132, 44, 68

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.



171, 97, 100



44, 132, 108



144, 104, 153

Square

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



44, 132, 108



56, 123, 172



166, 97, 128



143, 113, 63

Rectangle

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



44, 132, 108



0, 131, 153



166, 97, 128



167, 101, 83

Sweetspot

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



44, 132, 108



137, 171, 162



69, 132, 44



66, 87, 81



214, 214, 214



87, 87, 87

Same Dimension

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



44, 132, 108



34, 171, 134



44, 113, 132



60, 66, 64



0, 130, 95



0, 3, 2

Inverse Universe

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



132, 44, 68



171, 34, 71



132, 63, 44



66, 60, 61



130, 0, 35



3, 0, 1

Previews

White Background



This preview shows how the RGB color 44, 132, 108 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 44, 132, 108 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 44, 132, 108 Background



This preview shows how black text looks on a background with the RGB color 44, 132, 108.

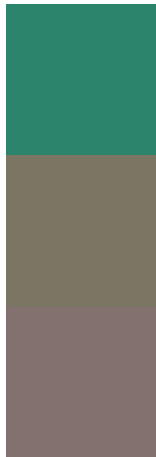


This preview shows how white text looks on a background with the RGB color 44, 132, 108.

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
44, 132, 108

Protanopia
123, 117, 100

Deuteranopia
131, 113, 112



Tritanopia
57, 128, 138

Trichromacy



Original Color

44, 132, 108

Protanomaly

94, 122, 103

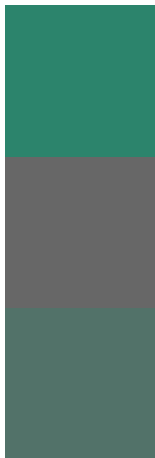
Deuteranomaly

99, 120, 111

Tritanomaly

52, 129, 127

Monochromacy



Original Color

44, 132, 108

Achromatopsia

103, 103, 103

Achromatomaly

82, 114, 105

CSS Examples

Text

The CSS property to change the color of the text to RGB 44, 132, 108 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(44, 132, 108)` looks like.

```
.text, #text, p{  
    color:rgb(44, 132, 108)  
}
```

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(44, 132, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 132, 108) }
```

Border

The CSS property to change the border of an element to RGB 44, 132, 108 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(44, 132, 108) }
```

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

```
.border{ border-color:rgb(44, 132, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 132, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 132, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 132, 108);  
box-shadow:4px 4px 4px 4px rgb(44, 132,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 44, 132, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 132, 108) }
```

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

```
.background{ background-color: rgb(44, 132,  
108) }
```

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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