

Converting Colors

RGB(43, 142, 135)

Have a look what the booklet for
RGB(43, 142, 135) contains.

RGB(43, 142, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(43, 142, 135)

Conversions

Conversions Part 1	
Format	Color
Hex	2B8E87
RGB	43, 142, 135
RGB Percent	17%, 56%, 53%
CMY	0.8314, 0.4431, 0.4706
CMYK	0.70, 0.00, 0.05, 0.44
HSL	176°, 54%, 36%
HSV	176°, 70%, 56%
XYZ	15.0424, 21.6089, 26.2998
YIQ	111.6010, -56.7570, -23.1650

Conversions

Conversions Part 2

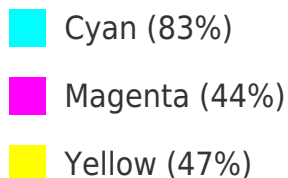
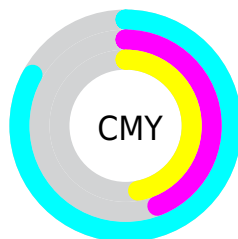
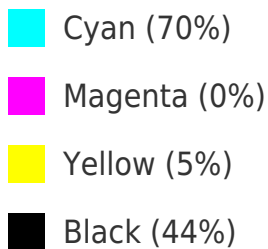
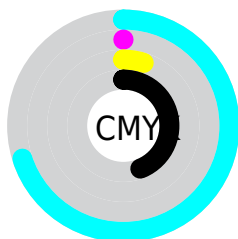
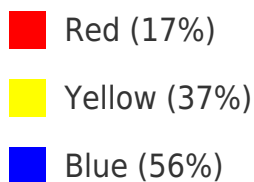
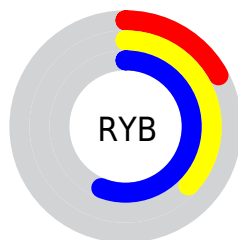
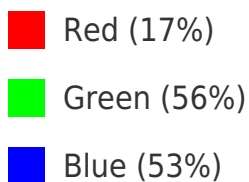
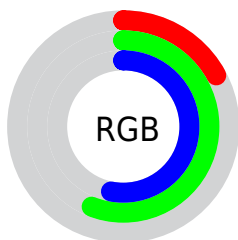
Format	Color
RYB	43, 94, 142
Decimal	2854535
CIELab	53.61, -29.59, -4.54
CIELCh	54, 29.931, 188.721
Yxy	21.6089, 0.2390, 0.3433
Android (android.graphics.Color)	4281044615 (0xFF2B8E87)
YUV	111.6010, 11.5357, -60.1631
Hunter-Lab	46.4853, -23.5876, -1.0045

Details

The RGB color **43, 142, 135** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **142, 43, 50**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **103, 196, 188**, and **0, 91, 85** is the 20% darker color. If you saturate the color by 10%, you get **29, 142, 134**, and if you desaturate by 10%, it is **57, 142, 136**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 43, 142, 135 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 43, 142, 135 by changing the saturation by 10% instead.



43, 142, 135



43, 142, 135

255, 255, 255



0, 116, 110



103, 196, 188



0, 91, 85



132, 224, 216



0, 67, 62



160, 253, 244



0, 44, 41



189, 255, 255



0, 22, 20



218, 255, 255



0, 0, 0



248, 255, 255



43, 142, 135




43, 142, 135




29, 142, 134




57, 142, 136


 15, 142, 133


 71, 142, 137

 0, 142, 132

 86, 142, 138


 0, 142, 132


 100, 142, 139

 114, 142, 140

 128, 142, 141

 142, 142, 142

 157, 142, 143

 171, 142, 144

Harmonies

Analogous

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



78, 140, 109



43, 142, 135



23, 141, 159

Triad

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



43, 142, 135



141, 119, 168



161, 120, 80

Complementary

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



43, 142, 135



142, 43, 50

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.



175, 112, 97



43, 142, 135



167, 111, 147

Square

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



43, 142, 135



103, 128, 179



178, 108, 121



138, 129, 76

Rectangle

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



43, 142, 135



45, 138, 171



178, 108, 121



167, 117, 85

Sweetspot

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



43, 142, 135



145, 184, 181



51, 142, 43



69, 92, 90



219, 219, 219



92, 92, 92

Same Dimension

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



43, 142, 135



29, 184, 173



43, 101, 142



64, 71, 71



0, 135, 126



0, 8, 7

Inverse Universe

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



142, 43, 50



184, 29, 40



142, 84, 43



71, 64, 65



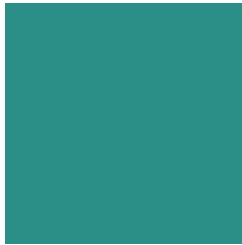
135, 0, 10



8, 0, 1

Previews

White Background



This preview shows how the RGB color 43, 142, 135 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 43, 142, 135 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 43, 142, 135 Background



This preview shows how black text looks on a background with the RGB color 43, 142, 135.



This preview shows how white text looks on a background with the RGB color 43, 142, 135.

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


43, 142, 135

Protanopia

130, 127, 126

Deuteranopia




134, 124, 139





Tritanopia

52, 140, 151

Trichromacy

	Original Color 43, 142, 135
	Protanomaly 98, 132, 129
	Deuteranomaly 101, 131, 138
	Tritanomaly 49, 141, 145

Monochromacy

	Original Color 43, 142, 135
	Achromatopsia 112, 112, 112
	Achromatomaly 87, 123, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 43, 142, 135 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(43, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(43, 142, 135)  
}
```

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(43, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 142, 135) }
```

Border

The CSS property to change the border of an element to RGB 43, 142, 135 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(43, 142, 135) }
```

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

```
.border{ border-color:rgb(43, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(43, 142,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 43, 142, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 142, 135) }
```

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

```
.background{ background-color: rgb(43, 142,  
135) }
```

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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