

Converting Colors

RGB(45, 142, 131)

Have a look what the booklet for
RGB(45, 142, 131) contains.

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Color

RGB(45, 142, 131)

Conversions

Conversions Part 1

Format	Color
Hex	2D8E83
RGB	45, 142, 131
RGB Percent	18%, 56%, 51%
CMY	0.8235, 0.4431, 0.4863
CMYK	0.68, 0.00, 0.08, 0.44
HSL	173°, 52%, 37%
HSV	173°, 68%, 56%
XYZ	14.8519, 21.5426, 24.8481
YIQ	111.7430, -54.2810, -23.9850

Conversions

Conversions Part 2

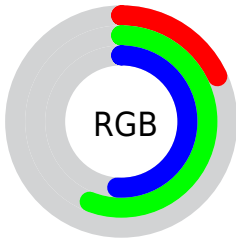
Format	Color
R _Y B	45, 96, 142
Decimal	2985603
CIE Lab	53.54, -30.42, -2.33
CIE LCh	54, 30.513, 184.372
Yxy	21.5426, 0.2425, 0.3518
Android (android.graphics.Color)	4281175683 (0xFF2D8E83)
YUV	111.7430, 9.4937, -58.5336
Hunter-Lab	46.4140, -24.1066, 0.7484

Details

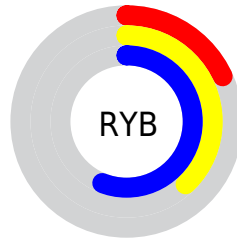
The RGB color **45, 142, 131** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **142, 45, 56**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **104, 196, 184**, and **0, 91, 82** is the 20% darker color. If you saturate the color by 10%, you get **31, 142, 129**, and if you desaturate by 10%, it is **59, 142, 133**.

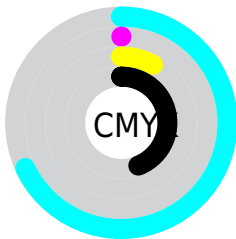
Distribution



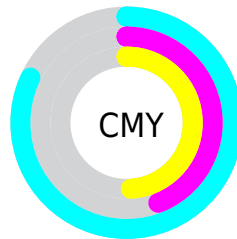
- Red (18%)
- Green (56%)
- Blue (51%)



- Red (18%)
- Yellow (38%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 45, 142, 131 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 45, 142, 131 by changing the saturation by 10% instead.



45, 142, 131



45, 142, 131

255, 255, 255



0, 116, 106



104, 196, 184



0, 91, 82



132, 224, 212



0, 67, 59



161, 253, 240



0, 44, 37



189, 255, 255



0, 21, 17



219, 255, 255



0, 0, 0



248, 255, 255



45, 142, 131



45, 142, 131



31, 142, 129



59, 142, 133

■ 17, 142, 128

■ 73, 142, 134

■ 2, 142, 126

■ 88, 142, 136

■ 0, 142, 126

■ 102, 142, 137

■ 116, 142, 139

■ 130, 142, 141

■ 144, 142, 142

■ 159, 142, 144

■ 173, 142, 145

Harmonies

Analogous

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



82, 140, 104



45, 142, 131



12, 141, 157

Triad

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



45, 142, 131



136, 120, 171



164, 118, 81

Complementary

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



45, 142, 131



142, 45, 56

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.



177, 111, 100



45, 142, 131



164, 111, 151

Square

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



45, 142, 131



96, 129, 180



178, 107, 125



142, 128, 75

Rectangle

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



45, 142, 131



34, 138, 170



178, 107, 125



169, 116, 86

Sweetspot

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



45, 142, 131



147, 184, 179



56, 142, 45



70, 92, 89



219, 219, 219



92, 92, 92

Same Dimension

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



45, 142, 131



33, 184, 167



45, 105, 142



64, 71, 71



0, 135, 120



0, 8, 7

Inverse Universe

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



142, 45, 56



184, 33, 50



142, 82, 45



71, 64, 65



135, 0, 15



8, 0, 1

Previews

White Background



This preview shows how the RGB color 45, 142, 131 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 45, 142, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

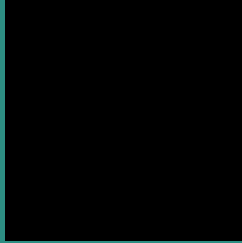
Any Text WCAG AA ✓ Pass

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 45, 142, 131 Background



This preview shows how black text looks on a background with the RGB color 45, 142, 131.

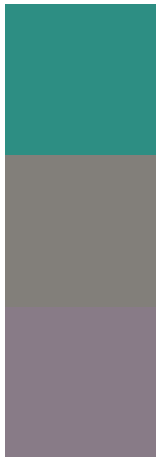


This preview shows how white text looks on a background with the RGB color 45, 142, 131.

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
45, 142, 131

Protanopia
130, 127, 122

Deuteranopia
136, 123, 135



Tritanopia
55, 139, 150

Trichromacy



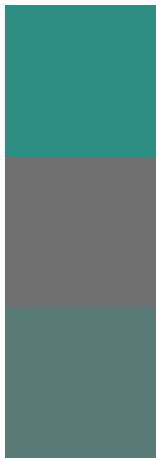
Original Color
45, 142, 131

Protanomaly
99, 132, 125

Deuteranomaly
103, 130, 134

Tritanomaly
51, 140, 143

Monochromacy



Original Color
45, 142, 131

Achromatopsia
112, 112, 112

Achromatomaly
88, 123, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 45, 142, 131 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(45, 142, 131)` looks like.

```
.text, #text, p{  
    color:rgb(45, 142, 131)  
}
```

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(45, 142, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 142, 131) }
```

Border

The CSS property to change the border of an element to RGB 45, 142, 131 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(45, 142, 131) }
```

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

```
.border{ border-color:rgb(45, 142, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 142, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 142, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 142, 131);  
box-shadow:4px 4px 4px 4px rgb(45, 142,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 45, 142, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 142, 131) }
```

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

```
.background{ background-color: rgb(45, 142,  
131) }
```

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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