

Converting Colors

RGB(45, 179, 179)

Have a look what the booklet for
RGB(45, 179, 179) contains.

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Color

RGB(45, 179, 179)

Conversions

Conversions Part 1

Format	Color
Hex	2DB3B3
RGB	45, 179, 179
RGB Percent	18%, 70%, 70%
CMY	0.8235, 0.2980, 0.2980
CMYK	0.75, 0.00, 0.00, 0.30
HSL	180°, 60%, 44%
HSV	180°, 75%, 70%
XYZ	25.3390, 36.0528, 48.2712
YIQ	138.9340, -79.8640, -28.4080

Conversions

Conversions Part 2

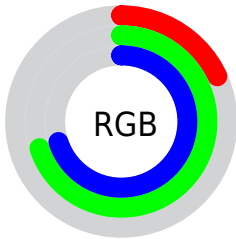
Format	Color
R_{YB}	45, 112, 179
Decimal	2995123
CIE _{Lab}	66.56, -34.06, -10.16
CIE _{LCh}	67, 35.544, 196.602
Yxy	36.0528, 0.2311, 0.3288
Android (android.graphics.Color)	4281185203 (0xFF2DB3B3)
YUV	138.9340, 19.7525, -82.3801
Hunter-Lab	60.0440, -29.7487, -5.6343

Details

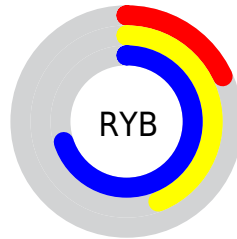
The RGB color **45, 179, 179** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **179, 45, 45**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **114, 235, 235**, and **0, 126, 126** is the 20% darker color. If you saturate the color by 10%, you get **27, 179, 179**, and if you desaturate by 10%, it is **63, 179, 179**.

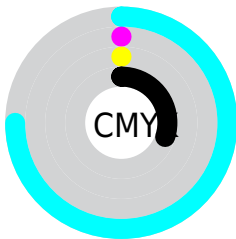
Distribution



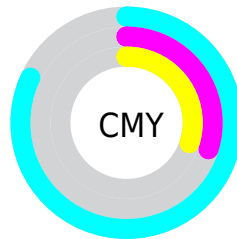
- Red (18%)
- Green (70%)
- Blue (70%)



- Red (18%)
- Yellow (44%)
- Blue (70%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)





















- Cyan (82%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 45, 179, 179 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, 179, 179 by changing the saturation by 10% instead.

 45, 179, 179	 45, 179, 179
 255, 255, 255	 0, 152, 152
 114, 235, 235	 0, 126, 126
 144, 255, 255	 0, 100, 101
 174, 255, 255	 0, 76, 78
 204, 255, 255	 0, 52, 55
 235, 255, 255	 0, 32, 33
	 0, 0, 10
	 0, 0, 0
 45, 179, 179	 45, 179, 179

■ 27, 179, 179

■ 63, 179, 179

■ 9, 179, 179

■ 81, 179, 179

■ 0, 179, 179

■ 99, 179, 179

■ 117, 179, 179

■ 135, 179, 179

■ 152, 179, 179

■ 170, 179, 179

■ 188, 179, 179

■ 206, 179, 179

Harmonies

Analogous

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



89, 178, 146



45, 179, 179



39, 176, 207

Triad

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



45, 179, 179



188, 147, 206



196, 155, 100

Complementary

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



45, 179, 179



179, 45, 45

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.



217, 144, 117



45, 179, 179



215, 139, 178

Square

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



45, 179, 179



145, 159, 223



225, 138, 145



165, 166, 100

Rectangle

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



45, 179, 179



73, 172, 220



225, 138, 145



204, 151, 104

Sweetspot

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



45, 179, 179



181, 232, 232



45, 179, 45



87, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



45, 179, 179



23, 232, 232



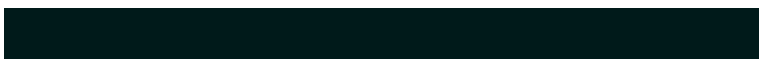
45, 112, 179



80, 89, 89



0, 153, 153



0, 26, 26

Inverse Universe

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



179, 45, 179



232, 23, 232



179, 112, 45



89, 80, 89



153, 0, 153



26, 0, 26

Previews

White Background



This preview shows how the RGB color 45, 179, 179 looks on a white 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

Black Background



This preview shows how the RGB color 45, 179, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

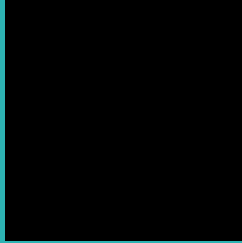
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

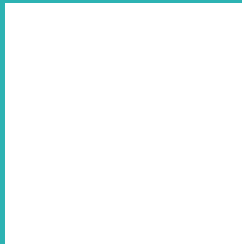
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 45, 179, 179 Background



This preview shows how black text looks on a background with the RGB color 45, 179, 179.

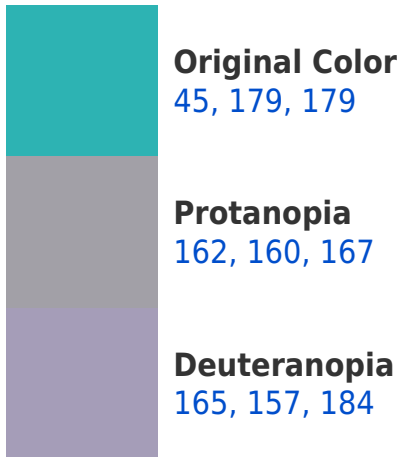


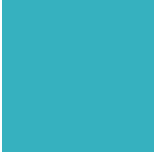
This preview shows how white text looks on a background with the RGB color 45, 179, 179.

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





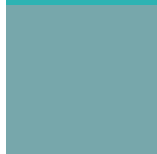
Tritanopia
54, 177, 191

Trichromacy



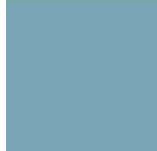
Original Color

45, 179, 179



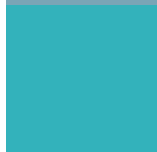
Protanomaly

119, 167, 171



Deuteranomaly

121, 165, 182



Tritanomaly

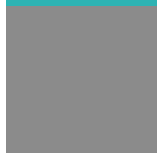
51, 178, 187

Monochromacy



Original Color

45, 179, 179



Achromatopsia

139, 139, 139



Achromatomaly

105, 154, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 45, 179, 179 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, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(45, 179, 179)  
}
```

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, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 179, 179) }
```

Border

The CSS property to change the border of an element to RGB 45, 179, 179 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, 179, 179) }
```

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

```
.border{ border-color:rgb(45, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(45, 179,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 45, 179, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 179, 179) }
```

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

```
.background{ background-color: rgb(45, 179,  
179) }
```

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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