

Converting Colors

RGB(46, 215, 215)

Have a look what the booklet for
RGB(46, 215, 215) contains.

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Color

RGB(46, 215, 215)

Conversions

Conversions Part 1

Format	Color
Hex	2ED7D7
RGB	46, 215, 215
RGB Percent	18%, 84%, 84%
CMY	0.8196, 0.1569, 0.1569
CMYK	0.79, 0.00, 0.00, 0.16
HSL	180°, 68%, 51%
HSV	180°, 79%, 84%
XYZ	37.6929, 54.0880, 72.7434
YIQ	164.4690, -100.7240, -35.8280

Conversions

Conversions Part 2

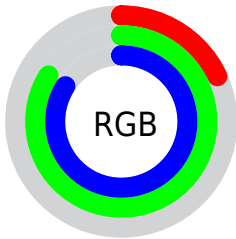
Format	Color
RYB	46, 131, 215
Decimal	3069911
CIELab	78.51, -40.04, -11.89
CIElCh	79, 41.764, 196.536
Yxy	54.0880, 0.2291, 0.3288
Android (android.graphics.Color)	4281259991 (0xFF2ED7D7)
YUV	164.4690, 24.9118, -103.8973
Hunter-Lab	73.5446, -37.2185, -7.1629

Details

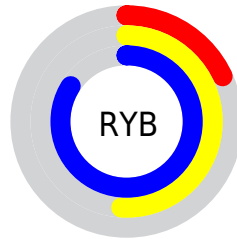
The RGB color **46, 215, 215** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **215, 46, 46**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **123, 255, 255**, and **0, 159, 160** is the 20% darker color. If you saturate the color by 10%, you get **24, 215, 215**, and if you desaturate by 10%, it is **68, 215, 215**.

Distribution



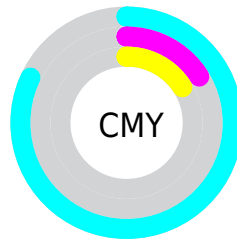
- Red (18%)
- Green (84%)
- Blue (84%)



- Red (18%)
- Yellow (51%)
- Blue (84%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




















- Cyan (82%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 46, 215, 215 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 46, 215, 215 by changing the saturation by 10% instead.

 46, 215, 215	 46, 215, 215
 255, 255, 255	 0, 187, 187
 123, 255, 255	 0, 159, 160
 155, 255, 255	 0, 133, 134
 187, 255, 255	 0, 107, 109
 218, 255, 255	 0, 82, 85
 249, 255, 255	 0, 58, 62
	 0, 37, 40
	 0, 1, 20
	 0, 0, 0

■ 46, 215, 215

■ 46, 215, 215

■ 24, 215, 215

■ 68, 215, 215

■ 3, 215, 215

■ 89, 215, 215

■ 0, 215, 215

■ 110, 215, 215

■ 132, 215, 215

■ 154, 215, 215

■ 175, 215, 215

■ 197, 215, 215

■ 218, 215, 215

■ 240, 215, 215

Harmonies

Analogous

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



105, 214, 175



46, 215, 215



35, 212, 249

Triad

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



46, 215, 215



226, 176, 248



235, 186, 119

Complementary

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



46, 215, 215



215, 46, 46

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.



255, 173, 140



46, 215, 215



255, 166, 213

Square

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



46, 215, 215



173, 191, 255



255, 165, 174



198, 199, 119

Rectangle

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



46, 215, 215



83, 207, 255



255, 165, 174



245, 181, 124

Sweetspot

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



46, 215, 215



194, 255, 255



46, 215, 46



91, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



46, 215, 215



15, 255, 255



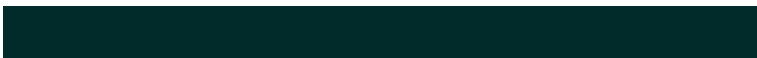
46, 131, 215



96, 107, 107



0, 171, 171



0, 43, 43

Inverse Universe

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



215, 46, 215



255, 15, 255



215, 131, 46



107, 96, 107



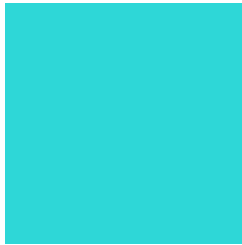
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 46, 215, 215 looks on a white background.

Color Contrast Check

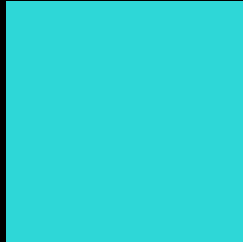
Large Text (above 18pt) WCAG AA × Fail

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 46, 215, 215 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

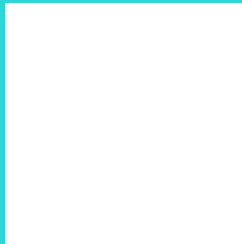
Any Text WCAG AAA ✓ Pass

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

RGB 46, 215, 215 Background



This preview shows how black text looks on a background with the RGB color 46, 215, 215.

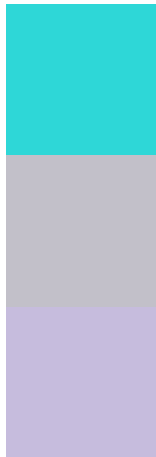


This preview shows how white text looks on a background with the RGB color 46, 215, 215.

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](#).

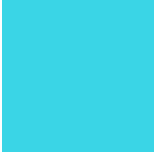
Dichromacy



Original Color
46, 215, 215

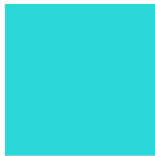
Protanopia
194, 192, 201

Deuteranopia
198, 188, 221



Tritanopia
58, 213, 230

Trichromacy



Original Color

46, 215, 215



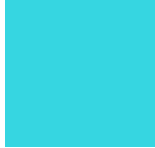
Protanomaly

140, 200, 206



Deuteranomaly

143, 198, 219



Tritanomaly

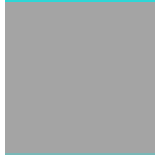
54, 214, 225

Monochromacy



Original Color

46, 215, 215



Achromatopsia

164, 164, 164



Achromatomaly

121, 183, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 46, 215, 215 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(46, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(46, 215, 215)  
}
```

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(46, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 215, 215) }
```

Border

The CSS property to change the border of an element to RGB 46, 215, 215 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(46, 215, 215) }
```

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

```
.border{ border-color:rgb(46, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(46, 215,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 46, 215, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 215, 215) }
```

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

```
.background{ background-color: rgb(46, 215,  
215) }
```

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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