

Converting Colors

RGB(42, 213, 205)

Have a look what the booklet for
RGB(42, 213, 205) contains.

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Color

RGB(42, 213, 205)

Conversions

Conversions Part 1

Format	Color
Hex	2AD5CD
RGB	42, 213, 205
RGB Percent	16%, 84%, 80%
CMY	0.8353, 0.1647, 0.1961
CMYK	0.80, 0.00, 0.04, 0.16
HSL	177°, 67%, 50%
HSV	177°, 80%, 84%
XYZ	35.7685, 52.4885, 66.0037
YIQ	160.9590, -99.3480, -38.7400

Conversions

Conversions Part 2

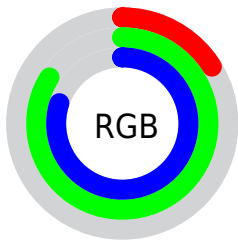
Format	Color
RYB	42, 130, 213
Decimal	2807245
CIELab	77.57, -42.34, -7.93
CIELCh	78, 43.078, 190.612
Yxy	52.4885, 0.2319, 0.3403
Android (android.graphics.Color)	4280997325 (0xFF2AD5CD)
YUV	160.9590, 21.7122, -104.3270
Hunter-Lab	72.4490, -38.6590, -3.3011

Details

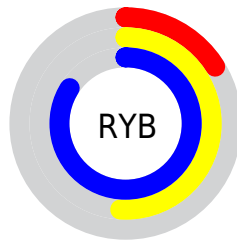
The RGB color **42, 213, 205** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **213, 42, 50**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **120, 255, 255**, and **0, 158, 151** is the 20% darker color. If you saturate the color by 10%, you get **21, 213, 204**, and if you desaturate by 10%, it is **63, 213, 206**.

Distribution



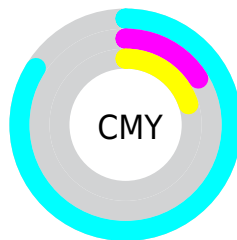
- Red (16%)
- Green (84%)
- Blue (80%)



- Red (16%)
- Yellow (51%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)




















- Cyan (84%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 42, 213, 205 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 42, 213, 205 by changing the saturation by 10% instead.

 42, 213, 205	 42, 213, 205
 255, 255, 255	 0, 185, 178
 120, 255, 255	 0, 158, 151
 152, 255, 255	 0, 131, 125
 183, 255, 255	 0, 105, 100
 214, 255, 255	 0, 80, 76
 246, 255, 255	 0, 56, 54
	 0, 34, 32
	 0, 0, 9
	 0, 0, 0

■ 42, 213, 205

■ 42, 213, 205

■ 21, 213, 204

■ 63, 213, 206

■ 0, 213, 203

■ 85, 213, 207

■ 106, 213, 208

■ 127, 213, 209

■ 149, 213, 210

■ 170, 213, 211

■ 191, 213, 212

■ 212, 213, 213

■ 234, 213, 214

Harmonies

Analogous

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



109, 211, 164



42, 213, 205



0, 210, 242

Triad

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



42, 213, 205



214, 176, 253



240, 180, 117

Complementary

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



42, 213, 205



213, 42, 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.



255, 167, 142



42, 213, 205



253, 164, 219

Square

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



42, 213, 205



156, 191, 255



255, 160, 179



204, 194, 112

Rectangle

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



42, 213, 205



53, 206, 255



255, 160, 179



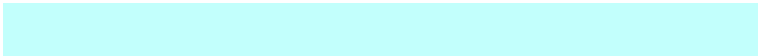
249, 176, 123

Sweetspot

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



42, 213, 205



194, 255, 252



51, 213, 42



91, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



42, 213, 205



10, 255, 244



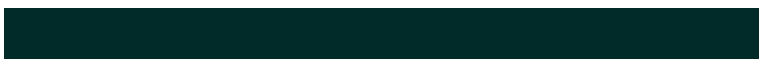
42, 136, 213



96, 107, 107



0, 171, 163



0, 43, 41

Inverse Universe

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



213, 42, 50



255, 10, 22



213, 119, 42



107, 96, 97



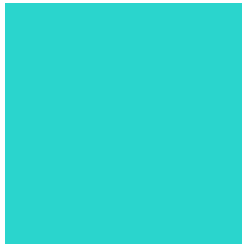
171, 0, 8



43, 0, 2

Previews

White Background



This preview shows how the RGB color 42, 213, 205 looks on a white background.

Color Contrast Check

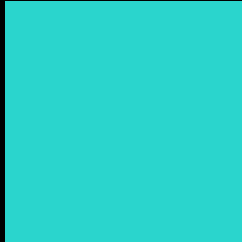
Large Text (above 18pt) WCAG AA × Fail

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 42, 213, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

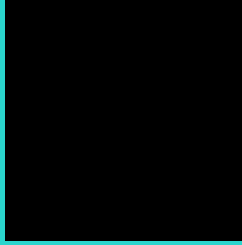
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

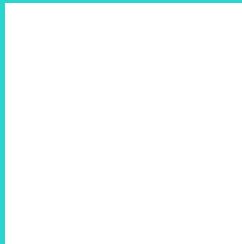
Any Text WCAG AAA ✓ Pass

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

RGB 42, 213, 205 Background



This preview shows how black text looks on a background with the RGB color 42, 213, 205.

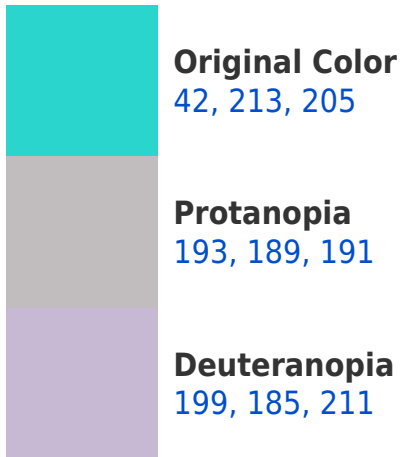


This preview shows how white text looks on a background with the RGB color 42, 213, 205.

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
60, 210, 227

Trichromacy



Original Color

42, 213, 205



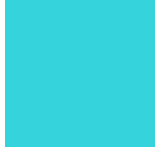
Protanomaly

138, 198, 196



Deuteranomaly

142, 195, 209



Tritanomaly

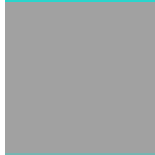
53, 211, 219

Monochromacy



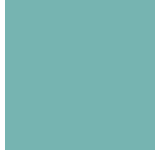
Original Color

42, 213, 205



Achromatopsia

161, 161, 161



Achromatomaly

118, 180, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 42, 213, 205 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(42, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 205)  
}
```

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(42, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 205) }
```

Border

The CSS property to change the border of an element to RGB 42, 213, 205 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(42, 213, 205) }
```

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

```
.border{ border-color:rgb(42, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 42, 213, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 205) }
```

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

```
.background{ background-color: rgb(42, 213,  
205) }
```

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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