

Converting Colors

RGB(36, 172, 165)

Have a look what the booklet for
RGB(36, 172, 165) contains.

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Color

RGB(36, 172, 165)

Conversions

Conversions Part 1

Format	Color
Hex	24ACA5
RGB	36, 172, 165
RGB Percent	14%, 67%, 65%
CMY	0.8588, 0.3255, 0.3529
CMYK	0.79, 0.00, 0.04, 0.33
HSL	177°, 65%, 41%
HSV	177°, 79%, 67%
XYZ	22.2716, 32.5967, 40.7153
YIQ	130.5380, -78.8090, -31.0090

Conversions

Conversions Part 2

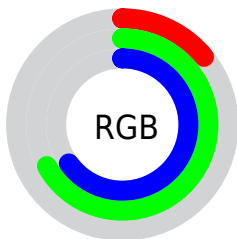
Format	Color
RYB	36, 106, 172
Decimal	2403493
CIELab	63.83, -35.85, -6.45
CIELCh	64, 36.429, 190.191
Yxy	32.5967, 0.2330, 0.3410
Android (android.graphics.Color)	4280593573 (0xFF24ACA5)
YUV	130.5380, 16.9898, -82.9098
Hunter-Lab	57.0935, -30.2827, -2.3162

Details

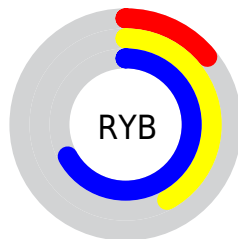
The RGB color **36, 172, 165** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **172, 36, 43**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **107, 228, 220**, and **0, 119, 113** is the 20% darker color. If you saturate the color by 10%, you get **19, 172, 164**, and if you desaturate by 10%, it is **53, 172, 166**.

Distribution



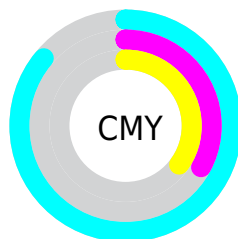
- Red (14%)
- Green (67%)
- Blue (65%)



- Red (14%)
- Yellow (42%)
- Blue (67%)



- Cyan (79%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (86%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 36, 172, 165 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 36, 172, 165 by changing the saturation by 10% instead.



36, 172, 165



36, 172, 165

255, 255, 255



0, 145, 139



107, 228, 220



0, 119, 113



137, 255, 248



0, 94, 89



167, 255, 255



0, 69, 66



197, 255, 255



0, 46, 44



227, 255, 255



0, 23, 23



0, 0, 0



36, 172, 165



36, 172, 165



19, 172, 164



53, 172, 166

■ 2, 172, 163

■ 70, 172, 167

■ 0, 172, 163

■ 88, 172, 168

■ 105, 172, 169

■ 122, 172, 169

■ 139, 172, 170

■ 156, 172, 171

■ 174, 172, 172

■ 191, 172, 173

Harmonies

Analogous

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



88, 170, 132



36, 172, 165



0, 170, 196

Triad

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



36, 172, 165



173, 142, 204



194, 145, 94

Complementary

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



36, 172, 165



172, 36, 43

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.



213, 135, 114



36, 172, 165



204, 132, 177

Square

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



36, 172, 165



125, 154, 218



217, 129, 145



165, 156, 90

Rectangle

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



36, 172, 165



42, 166, 210



217, 129, 145



202, 141, 99

Sweetspot

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



36, 172, 165



171, 224, 222



45, 172, 36



80, 112, 111



240, 240, 240



112, 112, 112

Same Dimension

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



36, 172, 165



11, 224, 213



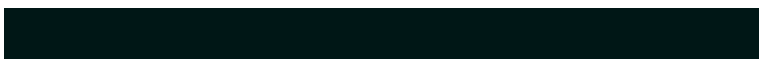
36, 113, 172



78, 87, 86



0, 150, 143



0, 23, 22

Inverse Universe

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



172, 36, 43



224, 11, 22



172, 95, 36



87, 78, 78



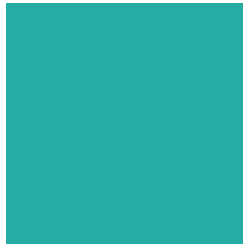
150, 0, 8



23, 0, 1

Previews

White Background



This preview shows how the RGB color 36, 172, 165 looks on a white background.

Color Contrast Check

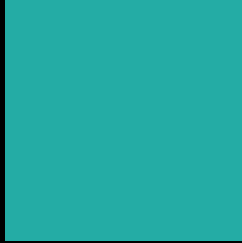
Large Text (above 18pt) WCAG AA × Fail

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 36, 172, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

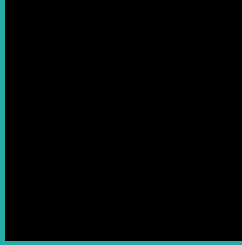
Any Text WCAG AA ✓ Pass

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 36, 172, 165 Background



This preview shows how black text looks on a background with the RGB color 36, 172, 165.

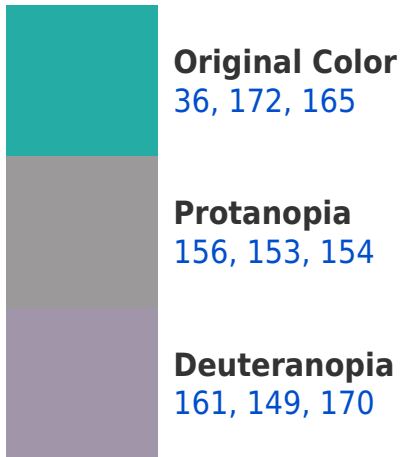


This preview shows how white text looks on a background with the RGB color 36, 172, 165.

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
50, 169, 183

Trichromacy



Original Color

36, 172, 165



Protanomaly

112, 160, 158



Deuteranomaly

116, 157, 168



Tritanomaly

45, 170, 176

Monochromacy



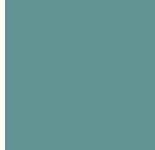
Original Color

36, 172, 165



Achromatopsia

131, 131, 131



Achromatomaly

96, 146, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 36, 172, 165 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(36, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(36, 172, 165)  
}
```

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(36, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 172, 165) }
```

Border

The CSS property to change the border of an element to RGB 36, 172, 165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

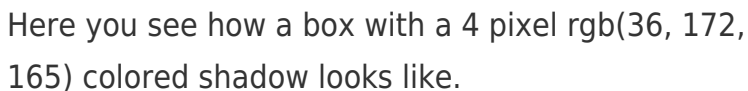
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 172, 165) }
```

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

```
.border{ border-color:rgb(36, 172, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(36, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(36, 172, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(36, 172, 165); box-shadow:4px 4px 4px 4px rgb(36, 172, 165) }
```

Background

The CSS property to change the background color of an element to RGB 36, 172, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 172, 165) }
```

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

```
.background{ background-color: rgb(36, 172,  
165) }
```

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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