

Converting Colors

RGB(36, 150, 133)

Have a look what the booklet for
RGB(36, 150, 133) contains.

RGB(36, 150, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(36, 150, 133)

Conversions

Conversions Part 1

Format	Color
Hex	249685
RGB	36, 150, 133
RGB Percent	14%, 59%, 52%
CMY	0.8588, 0.4118, 0.4784
CMYK	0.76, 0.00, 0.11, 0.41
HSL	171°, 61%, 36%
HSV	171°, 76%, 59%
XYZ	15.8675, 23.8812, 25.9635
YIQ	113.9760, -62.4870, -29.4550

Conversions

Conversions Part 2

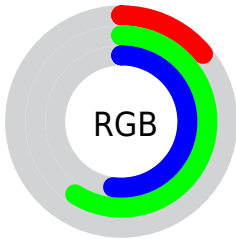
Format	Color
RYB	36, 98, 150
Decimal	2397829
CIELab	55.97, -34.90, 0.06
CIElCh	56, 34.897, 179.898
Yxy	23.8812, 0.2415, 0.3634
Android (android.graphics.Color)	4280587909 (0xFF249685)
YUV	113.9760, 9.3788, -68.3850
Hunter-Lab	48.8684, -27.5609, 2.7074

Details

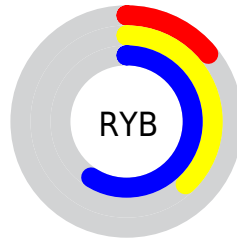
The RGB color **36, 150, 133** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **150, 36, 53**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **100, 205, 186**, and **0, 98, 84** is the 20% darker color. If you saturate the color by 10%, you get **21, 150, 131**, and if you desaturate by 10%, it is **51, 150, 135**.

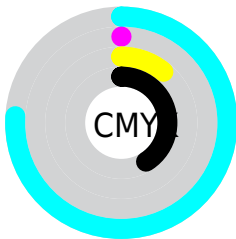
Distribution



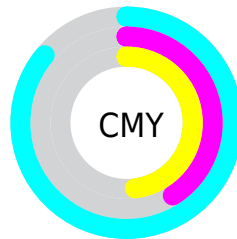
- Red (14%)
- Green (59%)
- Blue (52%)



- Red (14%)
- Yellow (38%)
- Blue (59%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)



- Cyan (86%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 36, 150, 133 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, 150, 133 by changing the saturation by 10% instead.



36, 150, 133



36, 150, 133

255, 255, 255



0, 124, 108



100, 205, 186



0, 98, 84



129, 233, 214



0, 74, 61



158, 255, 242



0, 50, 39



187, 255, 255



0, 30, 18



216, 255, 255



0, 0, 0



246, 255, 255



36, 150, 133



36, 150, 133



21, 150, 131



51, 150, 135

■ 6, 150, 129

■ 66, 150, 137

■ 0, 150, 128

■ 81, 150, 140

■ 96, 150, 142

■ 111, 150, 144

■ 126, 150, 146

■ 141, 150, 149

■ 156, 150, 151

■ 171, 150, 153

Harmonies

Analogous

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



85, 147, 103



36, 150, 133



0, 149, 163

Triad

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



36, 150, 133



137, 126, 187



178, 122, 82

Complementary

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



36, 150, 133



150, 36, 53

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.



191, 113, 106



36, 150, 133



172, 116, 165

Square

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



36, 150, 133



87, 137, 194



190, 110, 135



153, 132, 73

Rectangle

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



36, 150, 133



0, 147, 180



190, 110, 135



184, 118, 89

Sweetspot

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



36, 150, 133



149, 194, 187



53, 150, 36



70, 97, 93



224, 224, 224



97, 97, 97

Same Dimension

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



36, 150, 133



17, 194, 168



36, 110, 150



67, 74, 73



0, 138, 117



0, 10, 9

Inverse Universe

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



150, 36, 53



194, 17, 44



150, 76, 36



74, 67, 68



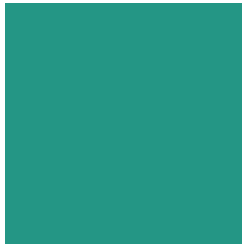
138, 0, 21



10, 0, 2

Previews

White Background



This preview shows how the RGB color 36, 150, 133 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 36, 150, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

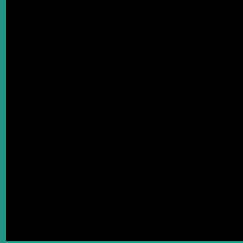
Any Text WCAG AA ✓ Pass

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 36, 150, 133 Background



This preview shows how black text looks on a background with the RGB color 36, 150, 133.

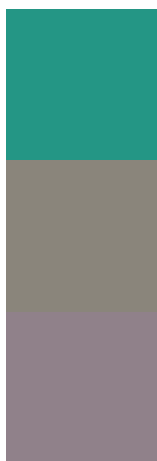


This preview shows how white text looks on a background with the RGB color 36, 150, 133.

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

36, 150, 133

Protanopia

138, 133, 123

Deuteranopia

144, 129, 138



Tritanopia
52, 146, 158

Trichromacy



Original Color

36, 150, 133



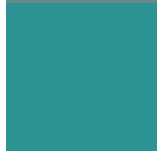
Protanomaly

101, 139, 127



Deuteranomaly

105, 137, 136



Tritanomaly

46, 147, 149

Monochromacy



Original Color

36, 150, 133



Achromatopsia

114, 114, 114



Achromatomaly

86, 127, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 36, 150, 133 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, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(36, 150, 133)  
}
```

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, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 150, 133) }
```

Border

The CSS property to change the border of an element to RGB 36, 150, 133 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, 150, 133) }
```

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

```
.border{ border-color:rgb(36, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(36, 150,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 36, 150, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 150, 133) }
```

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

```
.background{ background-color: rgb(36, 150,  
133) }
```

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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