

Converting Colors

RGB(69, 186, 186)

Have a look what the booklet for
RGB(69, 186, 186) contains.

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Color

RGB(69, 186, 186)

Conversions

Conversions Part 1

Format	Color
Hex	45BABA
RGB	69, 186, 186
RGB Percent	27%, 73%, 73%
CMY	0.7294, 0.2706, 0.2706
CMYK	0.63, 0.00, 0.00, 0.27
HSL	180°, 46%, 50%
HSV	180°, 63%, 73%
XYZ	28.8761, 39.9282, 52.6394
YIQ	151.0170, -69.7320, -24.8040

Conversions

Conversions Part 2

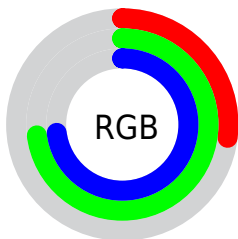
Format	Color
RYB	69, 128, 186
Decimal	4569786
CIELab	69.42, -32.06, -9.70
CIELCh	69, 33.490, 196.829
Yxy	39.9282, 0.2378, 0.3288
Android (android.graphics.Color)	4282759866 (0xFF45BABA)
YUV	151.0170, 17.2466, -71.9289
Hunter-Lab	63.1888, -29.0092, -5.1594

Details

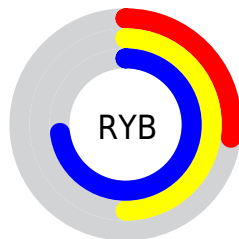
The RGB color **69, 186, 186** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **186, 69, 69**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **131, 243, 242**, and **0, 132, 133** is the 20% darker color. If you saturate the color by 10%, you get **50, 186, 186**, and if you desaturate by 10%, it is **88, 186, 186**.

Distribution



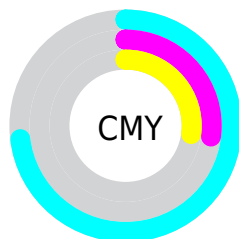
- Red (27%)
- Green (73%)
- Blue (73%)



- Red (27%)
- Yellow (50%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)





- Cyan (73%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 69, 186, 186 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 69, 186, 186 by changing the saturation by 10% instead.

 69, 186, 186

 69, 186, 186

255, 255, 255

 29, 159, 159

 131, 243, 242

 0, 132, 133

 160, 255, 255

 0, 107, 108


 190, 255, 255

 0, 82, 84

 220, 255, 255


 0, 58, 60


 250, 255, 255

 0, 37, 39

 0, 1, 19

 0, 0, 0

 69, 186, 186

 69, 186, 186

■ 50, 186, 186

■ 88, 186, 186

■ 32, 186, 186

■ 106, 186, 186

■ 13, 186, 186

■ 125, 186, 186

■ 0, 186, 186

■ 143, 186, 186

■ 162, 186, 186

■ 181, 186, 186

■ 199, 186, 186

■ 218, 186, 186

■ 236, 186, 186

Harmonies

Analogous

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



102, 185, 155



69, 186, 186



67, 183, 213

Triad

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



69, 186, 186



195, 156, 211



202, 163, 111

Complementary

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



69, 186, 186



186, 69, 69

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.



223, 153, 127



69, 186, 186



221, 148, 184

Square

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



69, 186, 186



154, 167, 227



230, 147, 153



173, 173, 111

Rectangle

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



69, 186, 186



91, 179, 225



230, 147, 153



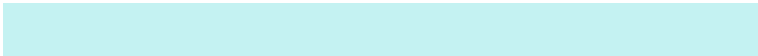
210, 160, 114

Sweetspot

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



69, 186, 186



196, 242, 242



69, 186, 69



94, 122, 122



250, 250, 250



122, 122, 122

Same Dimension

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



69, 186, 186



61, 242, 242



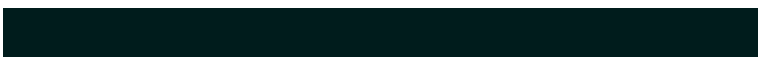
69, 128, 186



83, 92, 92



0, 156, 156



0, 28, 28

Inverse Universe

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



186, 69, 186



242, 61, 242



186, 128, 69



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RGB color 69, 186, 186 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 69, 186, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

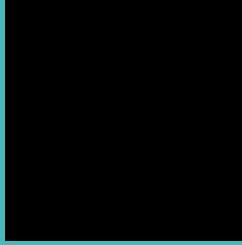
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

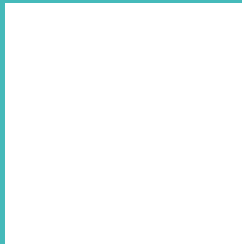
Any Text WCAG AAA ✓ Pass

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

RGB 69, 186, 186 Background



This preview shows how black text looks on a background with the RGB color 69, 186, 186.

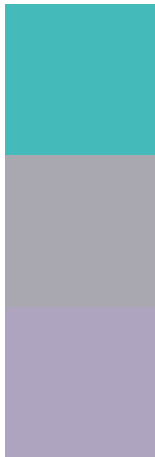


This preview shows how white text looks on a background with the RGB color 69, 186, 186.

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](#).

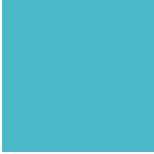
Dichromacy



Original Color
69, 186, 186

Protanopia
169, 167, 175

Deuteranopia
174, 164, 191



Tritanopia
75, 184, 199

Trichromacy



Original Color

69, 186, 186



Protanomaly

133, 174, 179



Deuteranomaly

136, 172, 189



Tritanomaly

73, 185, 194

Monochromacy



Original Color

69, 186, 186



Achromatopsia

151, 151, 151



Achromatomaly

121, 164, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 186, 186 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(69, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(69, 186, 186)  
}
```

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(69, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 186, 186) }
```

Border

The CSS property to change the border of an element to RGB 69, 186, 186 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(69, 186, 186) }
```

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

```
.border{ border-color:rgb(69, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(69, 186,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 69, 186, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 186, 186) }
```

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

```
.background{ background-color: rgb(69, 186,  
186) }
```

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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