

Converting Colors

RGB(114, 209, 186)

Have a look what the booklet for
RGB(114, 209, 186) contains.

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Color

RGB(114, 209, 186)

Conversions

Conversions Part 1

Format	Color
Hex	72D1BA
RGB	114, 209, 186
RGB Percent	45%, 82%, 73%
CMY	0.5529, 0.1804, 0.2706
CMYK	0.45, 0.00, 0.11, 0.18
HSL	165°, 51%, 63%
HSV	165°, 45%, 82%
XYZ	38.6028, 52.7235, 54.5964
YIQ	177.9730, -49.2370, -27.2930

Conversions

Conversions Part 2

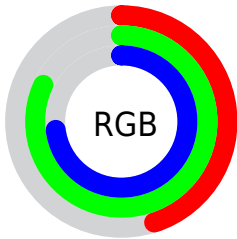
Format	Color
RYB	114, 168, 209
Decimal	7524794
CIELab	77.71, -33.65, 2.68
CIELCh	78, 33.755, 175.445
Yxy	52.7235, 0.2645, 0.3613
Android (android.graphics.Color)	4285714874 (0xFF72D1BA)
YUV	177.9730, 3.9573, -56.1043
Hunter-Lab	72.6110, -32.1716, 6.2473

Details

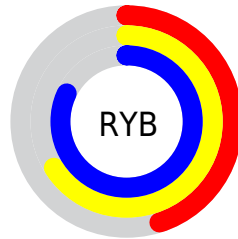
The RGB color **114, 209, 186** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 114, 137**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **171, 255, 242**, and **56, 154, 133** is the 20% darker color. If you saturate the color by 10%, you get **93, 209, 181**, and if you desaturate by 10%, it is **135, 209, 191**.

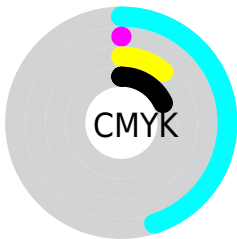
Distribution



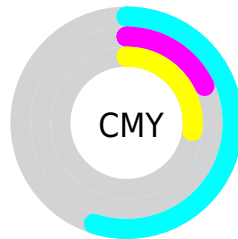
- Red (45%)
- Green (82%)
- Blue (73%)



- Red (45%)
- Yellow (66%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 114, 209, 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 114, 209, 186 by changing the saturation by 10% instead.


 114, 209, 186

 114, 209, 186


255, 255, 255

 86, 181, 159

 171, 255, 242

 56, 154, 133

 199, 255, 255


 19, 128, 108

 229, 255, 255

 0, 102, 84

 0, 78, 60

 0, 54, 39

 0, 34, 18

 0, 0, 0

 114, 209, 186

 114, 209, 186

■ 93, 209, 181

■ 135, 209, 191

■ 72, 209, 176

■ 156, 209, 196

■ 51, 209, 171

■ 177, 209, 201

■ 30, 209, 166

■ 198, 209, 206

■ 10, 209, 161

■ 219, 209, 211

■ 0, 209, 158

■ 239, 209, 216

■ 255, 209, 221

■ 255, 209, 226

■ 255, 209, 232

Harmonies

Analogous

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



150, 205, 156



114, 209, 186



90, 209, 218

Triad

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



114, 209, 186



190, 186, 248



243, 178, 142

Complementary

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



114, 209, 186



209, 114, 137

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.



254, 170, 167



114, 209, 186



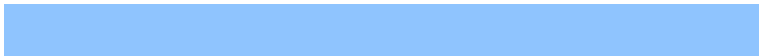
227, 175, 228

Square

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



114, 209, 186



143, 196, 254



250, 169, 198



218, 188, 130

Rectangle

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



114, 209, 186



93, 206, 236



250, 169, 198



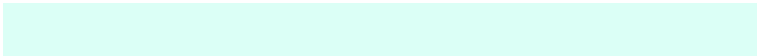
248, 175, 149

Sweetspot

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



114, 209, 186



219, 255, 246



138, 209, 114



106, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



114, 209, 186



115, 255, 221



114, 185, 209



94, 105, 102



0, 168, 128



0, 41, 31

Inverse Universe

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



209, 114, 137



255, 115, 149



209, 138, 114



105, 94, 97



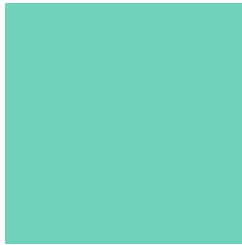
168, 0, 41



41, 0, 10

Previews

White Background



This preview shows how the RGB color 114, 209, 186 looks on a white background.

Color Contrast Check

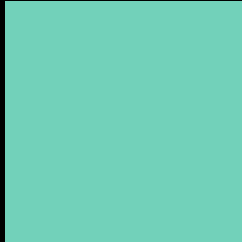
Large Text (above 18pt) WCAG AA × Fail

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 114, 209, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

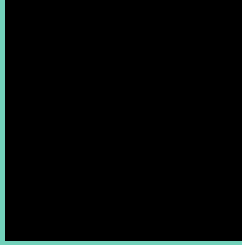
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

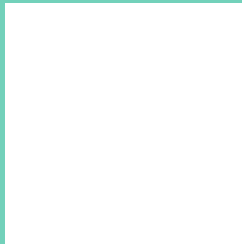
Any Text WCAG AAA ✓ Pass

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

RGB 114, 209, 186 Background



This preview shows how black text looks on a background with the RGB color 114, 209, 186.

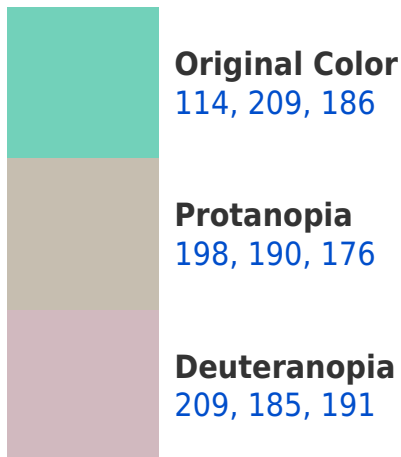


This preview shows how white text looks on a background with the RGB color 114, 209, 186.

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





Tritanopia
124, 204, 220

Trichromacy



Original Color

114, 209, 186



Protanomaly

167, 197, 180



Deuteranomaly

174, 194, 189



Tritanomaly

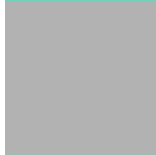
120, 206, 208

Monochromacy



Original Color

114, 209, 186



Achromatopsia

178, 178, 178



Achromatomaly

155, 189, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 209, 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(114, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(114, 209, 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(114, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 209, 186) }
```

Border

The CSS property to change the border of an element to RGB 114, 209, 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(114, 209, 186) }
```

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

```
.border{ border-color:rgb(114, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(114, 209,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 114, 209, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 209, 186) }
```

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

```
.background{ background-color: rgb(114,  
209, 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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