

Converting Colors

RGB(114, 212, 194)

Have a look what the booklet for
RGB(114, 212, 194) contains.

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Color

RGB(114, 212, 194)

Conversions

Conversions Part 1

Format	Color
Hex	72D4C2
RGB	114, 212, 194
RGB Percent	45%, 83%, 76%
CMY	0.5529, 0.1686, 0.2392
CMYK	0.46, 0.00, 0.08, 0.17
HSL	169°, 53%, 64%
HSV	169°, 46%, 83%
XYZ	40.2205, 54.5594, 59.4501
YIQ	180.6460, -52.6300, -26.3740

Conversions

Conversions Part 2

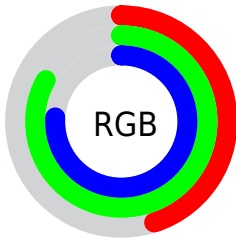
Format	Color
RYB	114, 168, 212
Decimal	7525570
CIELab	78.79, -33.18, -0.04
CIELCh	79, 33.182, 180.070
Yxy	54.5594, 0.2608, 0.3538
Android (android.graphics.Color)	4285715650 (0xFF72D4C2)
YUV	180.6460, 6.5835, -58.4485
Hunter-Lab	73.8643, -32.0660, 3.9852

Details

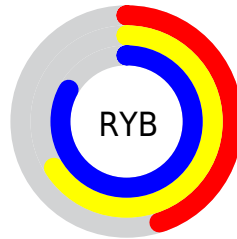
The RGB color **114, 212, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **212, 114, 132**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **171, 255, 250**, and **55, 157, 140** is the 20% darker color. If you saturate the color by 10%, you get **93, 212, 190**, and if you desaturate by 10%, it is **135, 212, 198**.

Distribution



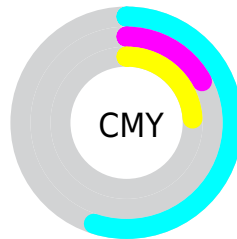
- Red (45%)
- Green (83%)
- Blue (76%)



- Red (45%)
- Yellow (66%)
- Blue (83%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 212, 194 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, 212, 194 by changing the saturation by 10% instead.

 114, 212, 194


255, 255, 255


 171, 255, 250


 200, 255, 255


 229, 255, 255


 114, 212, 194

 85, 184, 167

 55, 157, 140

 15, 130, 115

 0, 105, 91

 0, 80, 67

 0, 56, 45

 0, 36, 24

 0, 0, 0

 114, 212, 194

 114, 212, 194

■ 93, 212, 190

■ 135, 212, 198

■ 72, 212, 186

■ 156, 212, 202

■ 50, 212, 182

■ 178, 212, 206

■ 29, 212, 178

■ 199, 212, 210

■ 8, 212, 175

■ 220, 212, 213

■ 0, 212, 173

■ 241, 212, 217

■ 255, 212, 221

■ 255, 212, 225

■ 255, 212, 229

Harmonies

Analogous

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



148, 209, 163



114, 212, 194



95, 211, 225

Triad

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



114, 212, 194



199, 187, 248



242, 183, 143

Complementary

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



114, 212, 194



212, 114, 132

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, 174, 166



114, 212, 194



234, 177, 226

Square

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



114, 212, 194



155, 198, 255



254, 172, 196



217, 193, 133

Rectangle

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



114, 212, 194



103, 208, 241



254, 172, 196



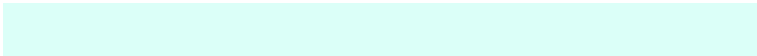
248, 179, 149

Sweetspot

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



114, 212, 194



219, 255, 248



134, 212, 114



106, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



114, 212, 194



115, 255, 229



114, 183, 212



96, 107, 105



0, 171, 139



0, 43, 35

Inverse Universe

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



212, 114, 132



255, 115, 141



212, 143, 114



107, 96, 98



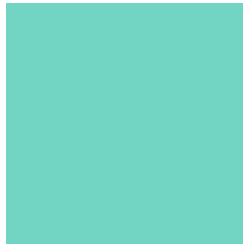
171, 0, 31



43, 0, 8

Previews

White Background



This preview shows how the RGB color 114, 212, 194 looks on a white background.

Color Contrast Check

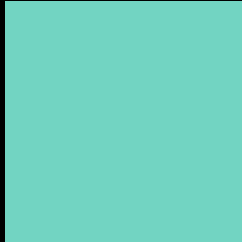
Large Text (above 18pt) WCAG AA × Fail

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, 212, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

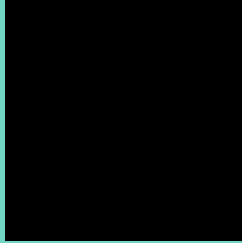
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

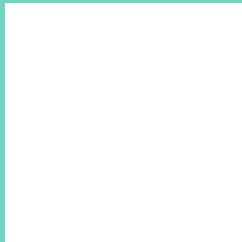
Any Text WCAG AAA ✓ Pass

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

RGB 114, 212, 194 Background



This preview shows how black text looks on a background with the RGB color 114, 212, 194.



This preview shows how white text looks on a background with the RGB color 114, 212, 194.

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
123, 208, 224

Trichromacy



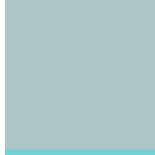
Original Color

114, 212, 194



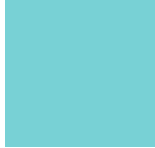
Protanomaly

169, 200, 187



Deuteranomaly

175, 197, 197



Tritanomaly

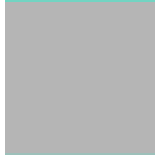
120, 209, 213

Monochromacy



Original Color

114, 212, 194



Achromatopsia

181, 181, 181



Achromatomaly

157, 192, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 212, 194 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, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 212, 194)  
}
```

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, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 212, 194) }
```

Border

The CSS property to change the border of an element to RGB 114, 212, 194 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, 212, 194) }
```

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

```
.border{ border-color:rgb(114, 212, 194) }
```

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

Here you see how a box with a 4 pixel rgb(114, 212, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 212,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 114, 212, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 212, 194) }
```

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

```
.background{ background-color: rgb(114,  
212, 194) }
```

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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