

Converting Colors

RGB(114, 202, 205)

Have a look what the booklet for
RGB(114, 202, 205) contains.

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Color

RGB(114, 202, 205)

Conversions

Conversions Part 1

Format	Color
Hex	72CACD
RGB	114, 202, 205
RGB Percent	45%, 79%, 80%
CMY	0.5529, 0.2078, 0.1961
CMYK	0.44, 0.01, 0.00, 0.20
HSL	182°, 48%, 63%
HSV	182°, 44%, 80%
XYZ	39.0794, 50.2262, 65.3925
YIQ	176.0300, -53.4110, -17.7230

Conversions

Conversions Part 2

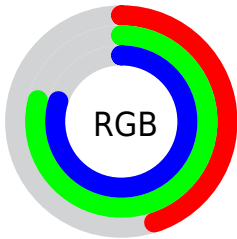
Format	Color
RYB	114, 159, 205
Decimal	7523021
CIELab	76.21, -25.65, -9.76
CIELCh	76, 27.445, 200.834
Yxy	50.2262, 0.2526, 0.3247
Android (android.graphics.Color)	4285713101 (0xFF72CACD)
YUV	176.0300, 14.2822, -54.4003
Hunter-Lab	70.8705, -25.5948, -5.0978

Details

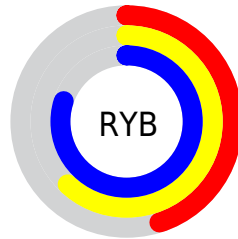
The RGB color **114, 202, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **205, 117, 114**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **171, 255, 255**, and **56, 148, 151** is the 20% darker color. If you saturate the color by 10%, you get **94, 201, 205**, and if you desaturate by 10%, it is **134, 203, 205**.

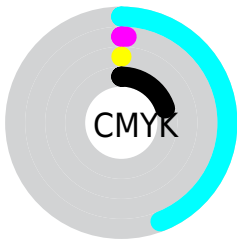
Distribution



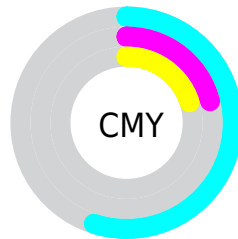
- Red (45%)
- Green (79%)
- Blue (80%)



- Red (45%)
- Yellow (62%)
- Blue (80%)



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 202, 205 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, 202, 205 by changing the saturation by 10% instead.

 114, 202, 205


255, 255, 255


 171, 255, 255


 200, 255, 255

 229, 255, 255

 114, 202, 205

 85, 174, 178


 56, 148, 151

 17, 122, 125

 0, 96, 100

 0, 72, 76

 0, 49, 54

 0, 30, 32

 0, 0, 8

 0, 0, 0

■ 114, 202, 205

■ 114, 202, 205

■ 94, 201, 205

■ 134, 203, 205

■ 73, 201, 205

■ 155, 203, 205

■ 53, 200, 205

■ 176, 204, 205

■ 32, 199, 205

■ 196, 205, 205

■ 12, 199, 205

■ 217, 205, 205

■ 0, 198, 205

■ 237, 206, 205

■ 255, 207, 205

■ 255, 207, 205

■ 255, 208, 205

Harmonies

Analogous

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



131, 202, 179



114, 202, 205



119, 199, 226

Triad

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



114, 202, 205



213, 176, 220



214, 184, 138

Complementary

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



114, 202, 205



205, 117, 114

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.



232, 175, 150



114, 202, 205



233, 170, 197

Square

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



114, 202, 205



181, 184, 235



240, 170, 171



188, 192, 140

Rectangle

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



114, 202, 205



135, 195, 235



240, 170, 171



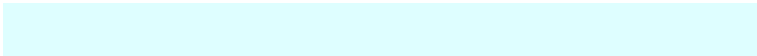
221, 181, 141

Sweetspot

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



114, 202, 205



222, 254, 255



114, 205, 116



107, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 202, 205



120, 251, 255



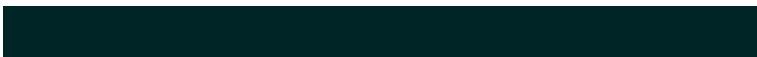
114, 158, 205



92, 102, 102



0, 160, 166



0, 37, 38

Inverse Universe

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



205, 114, 202



255, 120, 251



205, 161, 114



102, 92, 102



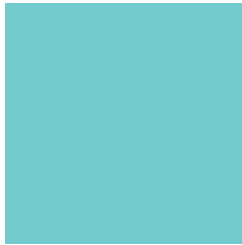
166, 0, 160



38, 0, 37

Previews

White Background



This preview shows how the RGB color 114, 202, 205 looks on a white background.

Color Contrast Check

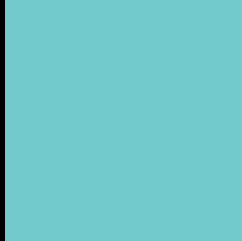
Large Text (above 18pt) WCAG AA × Fail

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, 202, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

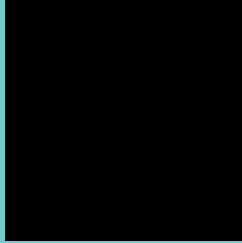
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

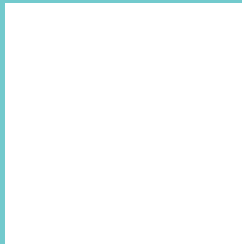
Any Text WCAG AAA ✓ Pass

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

RGB 114, 202, 205 Background



This preview shows how black text looks on a background with the RGB color 114, 202, 205.



This preview shows how white text looks on a background with the RGB color 114, 202, 205.

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
114, 202, 205

Protanopia
188, 186, 195

Deuteranopia
195, 182, 209



Tritanopia
117, 200, 216

Trichromacy



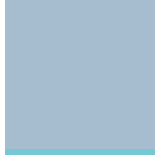
Original Color

114, 202, 205



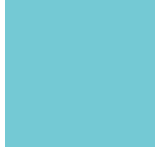
Protanomaly

161, 192, 199



Deuteranomaly

166, 189, 208



Tritanomaly

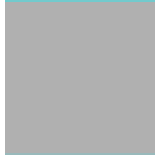
116, 201, 212

Monochromacy



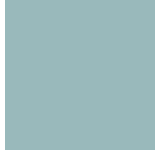
Original Color

114, 202, 205



Achromatopsia

176, 176, 176



Achromatomaly

153, 185, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 202, 205 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, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(114, 202, 205)  
}
```

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, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 202, 205) }
```

Border

The CSS property to change the border of an element to RGB 114, 202, 205 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, 202, 205) }
```

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

```
.border{ border-color:rgb(114, 202, 205) }
```

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

Here you see how a box with a 4 pixel rgb(114, 202, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(114, 202,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 114, 202, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 202, 205) }
```

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

```
.background{ background-color: rgb(114,  
202, 205) }
```

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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