

Converting Colors

RGB(142, 215, 216)

Have a look what the booklet for
RGB(142, 215, 216) contains.

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Color

RGB(142, 215, 216)

Conversions

Conversions Part 1

Format	Color
Hex	8ED7D8
RGB	142, 215, 216
RGB Percent	56%, 84%, 85%
CMY	0.4431, 0.1569, 0.1529
CMYK	0.34, 0.00, 0.00, 0.15
HSL	181°, 49%, 70%
HSV	181°, 34%, 85%
XYZ	47.8504, 59.3095, 73.8916
YIQ	193.2870, -43.8290, -15.1650

Conversions

Conversions Part 2

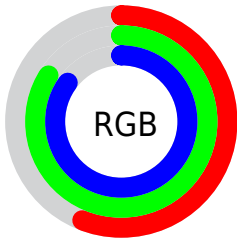
Format	Color
RYB	142, 179, 216
Decimal	9361368
CIELab	81.46, -22.33, -7.72
CIELCh	81, 23.630, 199.064
Yxy	59.3095, 0.2643, 0.3276
Android (android.graphics.Color)	4287551448 (0xFF8ED7D8)
YUV	193.2870, 11.1975, -44.9787
Hunter-Lab	77.0127, -23.8644, -2.9783

Details

The RGB color **142, 215, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **216, 143, 142**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **198, 255, 255**, and **87, 160, 161** is the 20% darker color. If you saturate the color by 10%, you get **120, 215, 216**, and if you desaturate by 10%, it is **164, 215, 216**.

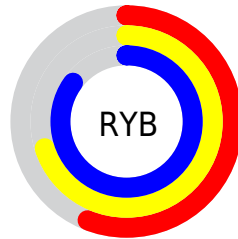
Distribution



Red (56%)

Green (84%)

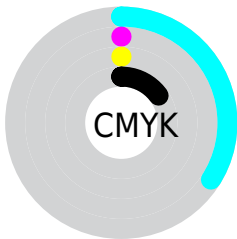
Blue (85%)



Red (56%)

Yellow (70%)

Blue (85%)

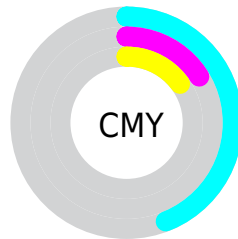


Cyan (34%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 215, 216 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 142, 215, 216 by changing the saturation by 10% instead.


 142, 215, 216


255, 255, 255


 198, 255, 255


 227, 255, 255


 142, 215, 216

 115, 187, 188

 87, 160, 161


 60, 134, 135

 29, 108, 110

 0, 84, 85

 0, 60, 62

 0, 38, 40

 0, 11, 20

 0, 0, 0

 142, 215, 216

 142, 215, 216

 120, 215, 216

 164, 215, 216

 99, 214, 216

 185, 216, 216

 77, 214, 216

 207, 216, 216

 56, 214, 216

 228, 216, 216

 34, 214, 216

 250, 216, 216

 12, 213, 216

 255, 217, 216

 0, 213, 216

 255, 217, 216

 255, 217, 216

 255, 218, 216

Harmonies

Analogous

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



156, 215, 193



142, 215, 216



145, 212, 235

Triad

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



142, 215, 216



223, 192, 232



227, 198, 159

Complementary

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



142, 215, 216



216, 143, 142

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.



243, 191, 170



142, 215, 216



242, 187, 211

Square

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



142, 215, 216



196, 200, 244



248, 187, 189



204, 205, 160

Rectangle

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



142, 215, 216



158, 209, 243



248, 187, 189



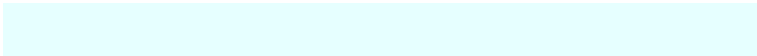
233, 196, 162

Sweetspot

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



142, 215, 216



230, 255, 255



142, 216, 142



112, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 215, 216



150, 254, 255



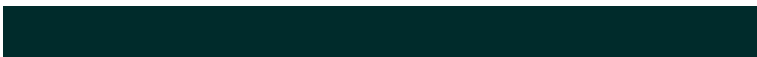
142, 179, 216



96, 107, 107



0, 169, 171



0, 43, 43

Inverse Universe

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



216, 142, 215



255, 150, 254



216, 179, 142



107, 96, 107



171, 0, 169



43, 0, 43

Previews

White Background



This preview shows how the RGB color 142, 215, 216 looks on a white background.

Color Contrast Check

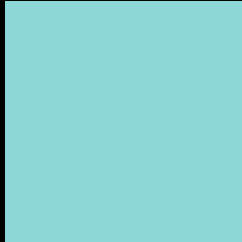
Large Text (above 18pt) WCAG AA × Fail

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 142, 215, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

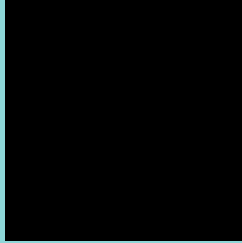
Any Text WCAG AA ✓ Pass

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 142, 215, 216 Background



This preview shows how black text looks on a background with the RGB color 142, 215, 216.



This preview shows how white text looks on a background with the RGB color 142, 215, 216.

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
145, 213, 230

Trichromacy



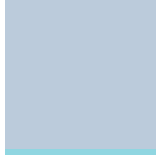
Original Color

142, 215, 216



Protanomaly

181, 205, 210



Deuteranomaly

187, 203, 219



Tritanomaly

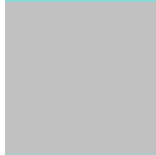
144, 214, 225

Monochromacy



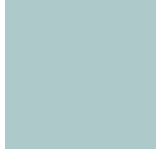
Original Color

142, 215, 216



Achromatopsia

193, 193, 193



Achromatomaly

174, 201, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 215, 216 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(142, 215, 216)` looks like.

```
.text, #text, p{  
    color:rgb(142, 215, 216)  
}
```

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(142, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 215, 216) }
```

Border

The CSS property to change the border of an element to RGB 142, 215, 216 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(142, 215, 216) }
```

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

```
.border{ border-color:rgb(142, 215, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 215, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 215, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 215, 216); box-shadow:4px 4px 4px 4px rgb(142, 215, 216) }
```

Background

The CSS property to change the background color of an element to RGB 142, 215, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 215, 216) }
```

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

```
.background{ background-color: rgb(142,  
215, 216) }
```

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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