

Converting Colors

RGB(132, 212, 226)

Have a look what the booklet for
RGB(132, 212, 226) contains.

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Color

RGB(132, 212, 226)

Conversions

Conversions Part 1

Format	Color
Hex	84D4E2
RGB	132, 212, 226
RGB Percent	52%, 83%, 89%
CMY	0.4824, 0.1686, 0.1137
CMYK	0.42, 0.06, 0.00, 0.11
HSL	189°, 62%, 70%
HSV	189°, 42%, 89%
XYZ	46.7867, 57.4835, 80.5810
YIQ	189.6760, -52.1740, -12.6060

Conversions

Conversions Part 2

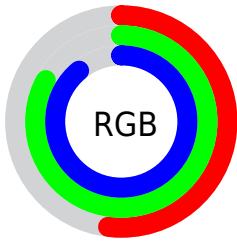
Format	Color
RYB	132, 175, 226
Decimal	8705250
CIELab	80.45, -20.95, -14.61
CIELCh	80, 25.540, 214.898
Yxy	57.4835, 0.2531, 0.3110
Android (android.graphics.Color)	4286895330 (0xFF84D4E2)
YUV	189.6760, 17.9077, -50.5819
Hunter-Lab	75.8179, -22.5302, -9.9423

Details

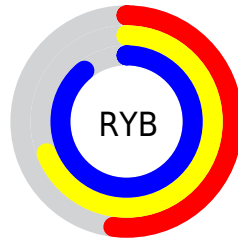
The RGB color **132, 212, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 146, 132**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **189, 255, 255**, and **75, 157, 171** is the 20% darker color. If you saturate the color by 10%, you get **109, 209, 226**, and if you desaturate by 10%, it is **155, 215, 226**.

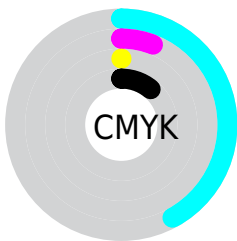
Distribution



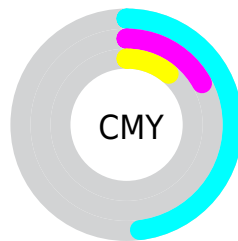
- Red (52%)
- Green (83%)
- Blue (89%)



- Red (52%)
- Yellow (69%)
- Blue (89%)



- Cyan (42%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 212, 226 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 132, 212, 226 by changing the saturation by 10% instead.

 132, 212, 226


255, 255, 255


 189, 255, 255


 218, 255, 255

 248, 255, 255


 132, 212, 226

 104, 184, 198


 75, 157, 171

 45, 131, 144

 0, 106, 119

 0, 81, 94

 0, 58, 70

 0, 36, 48

 0, 5, 28

 0, 0, 0

■ 132, 212, 226

■ 132, 212, 226

■ 109, 209, 226

■ 155, 215, 226

■ 87, 205, 226

■ 177, 219, 226

■ 64, 202, 226

■ 200, 222, 226

■ 42, 199, 226

■ 222, 225, 226

■ 19, 195, 226

■ 245, 229, 226

■ 0, 192, 226

■ 255, 232, 226

■ 255, 236, 226

■ 255, 239, 226

■ 255, 242, 226

Harmonies

Analogous

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



139, 213, 203



132, 212, 226



147, 208, 242

Triad

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



132, 212, 226



234, 185, 220



214, 199, 152

Complementary

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



132, 212, 226



226, 146, 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.



235, 191, 157



132, 212, 226



247, 182, 196

Square

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



132, 212, 226



209, 192, 239



247, 185, 173



187, 206, 160

Rectangle

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



132, 212, 226



166, 203, 247



247, 185, 173



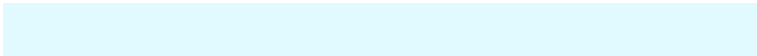
221, 197, 152

Sweetspot

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



132, 212, 226



224, 250, 255



132, 226, 145



110, 125, 128



0, 0, 0



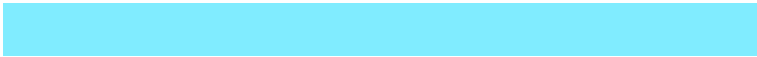
128, 128, 128

Same Dimension

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



132, 212, 226



128, 236, 255



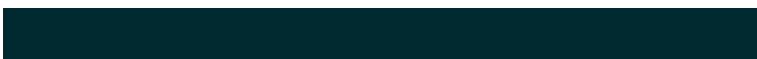
132, 166, 226



101, 111, 112



0, 150, 176



0, 41, 48

Inverse Universe

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



226, 132, 212



255, 128, 236



226, 192, 132



112, 101, 111



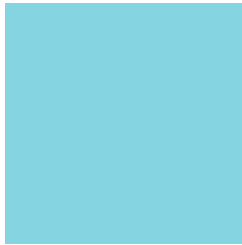
176, 0, 150



48, 0, 41

Previews

White Background



This preview shows how the RGB color 132, 212, 226 looks on a white background.

Color Contrast Check

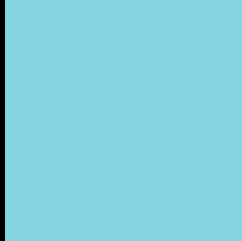
Large Text (above 18pt) WCAG AA × Fail

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 132, 212, 226 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 132, 212, 226 Background



This preview shows how black text looks on a background with the RGB color 132, 212, 226.



This preview shows how white text looks on a background with the RGB color 132, 212, 226.

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
132, 212, 226

Protanopia
197, 197, 217

Deuteranopia
203, 194, 230



Tritanopia
133, 212, 229

Trichromacy



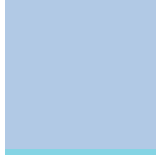
Original Color

132, 212, 226



Protanomaly

173, 202, 220



Deuteranomaly

177, 201, 229



Tritanomaly

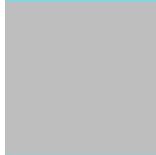
133, 212, 228

Monochromacy



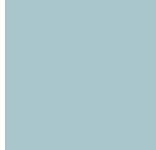
Original Color

132, 212, 226



Achromatopsia

190, 190, 190



Achromatomaly

169, 198, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 212, 226 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(132, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(132, 212, 226)  
}
```

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(132, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 212, 226) }
```

Border

The CSS property to change the border of an element to RGB 132, 212, 226 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(132, 212, 226) }
```

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

```
.border{ border-color:rgb(132, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 212, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 212, 226); box-shadow:4px 4px 4px 4px rgb(132, 212, 226) }
```

Background

The CSS property to change the background color of an element to RGB 132, 212, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 212, 226) }
```

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

```
.background{ background-color: rgb(132,  
212, 226) }
```

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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