

Converting Colors

RGB(128, 184, 215)

Have a look what the booklet for
RGB(128, 184, 215) contains.

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Color

RGB(128, 184, 215)

Conversions

Conversions Part 1

Format	Color
Hex	80B8D7
RGB	128, 184, 215
RGB Percent	50%, 72%, 84%
CMY	0.4980, 0.2784, 0.1569
CMYK	0.40, 0.14, 0.00, 0.16
HSL	201°, 52%, 67%
HSV	201°, 40%, 84%
XYZ	38.3083, 43.7765, 70.7206
YIQ	170.7900, -43.3270, -2.2310

Conversions

Conversions Part 2

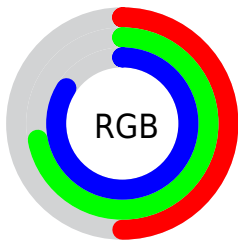
Format	Color
RYB	128, 162, 215
Decimal	8435927
CIELab	72.08, -10.31, -21.34
CIElCh	72, 23.706, 244.209
Yxy	43.7765, 0.2507, 0.2865
Android (android.graphics.Color)	4286626007 (0xFF80B8D7)
YUV	170.7900, 21.7955, -37.5268
Hunter-Lab	66.1638, -12.4365, -17.0588

Details

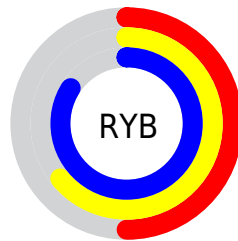
The RGB color **128, 184, 215** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **215, 159, 128**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **184, 240, 255**, and **73, 131, 160** is the 20% darker color. If you saturate the color by 10%, you get **107, 176, 215**, and if you desaturate by 10%, it is **150, 192, 215**.

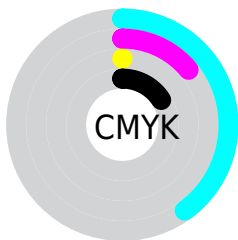
Distribution



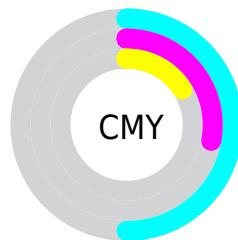
- Red (50%)
- Green (72%)
- Blue (84%)



- Red (50%)
- Yellow (64%)
- Blue (84%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 184, 215 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 128, 184, 215 by changing the saturation by 10% instead.


 128, 184, 215


255, 255, 255


 184, 240, 255


 212, 255, 255


 242, 255, 255

 128, 184, 215


 101, 157, 187

 73, 131, 160

 45, 106, 134

 6, 82, 109

 0, 59, 84

 0, 37, 61


 0, 16, 39


 0, 1, 17


 0, 0, 0


 128, 184, 215


 128, 184, 215

 107, 176, 215


 150, 192, 215

 85, 169, 215


 171, 199, 215

 63, 161, 215


 193, 207, 215

 42, 153, 215

 214, 215, 215

 20, 146, 215

 236, 222, 215

 0, 138, 215

 255, 230, 215

 255, 238, 215

 255, 245, 215

 255, 253, 215

Harmonies

Analogous

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



115, 188, 200



128, 184, 215



155, 178, 219

Triad

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



128, 184, 215



220, 161, 174



166, 183, 141

Complementary

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



128, 184, 215



215, 159, 128

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.



190, 176, 134



128, 184, 215



220, 163, 153

Square

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



128, 184, 215



207, 164, 196



209, 169, 138



141, 187, 157

Rectangle

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



128, 184, 215



175, 173, 216



209, 169, 138



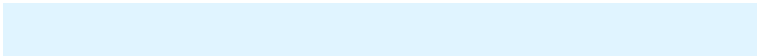
174, 181, 137

Sweetspot

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



128, 184, 215



224, 244, 255



128, 215, 158



110, 121, 128



0, 0, 0



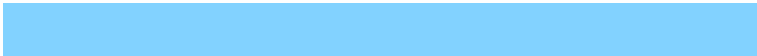
128, 128, 128

Same Dimension

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



128, 184, 215



130, 210, 255



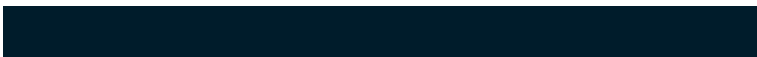
128, 141, 215



96, 103, 107



0, 110, 171



0, 28, 43

Inverse Universe

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



215, 128, 184



255, 130, 210



215, 202, 128



107, 96, 103



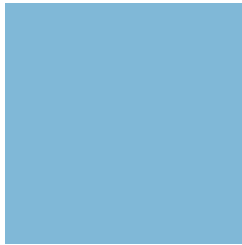
171, 0, 110



43, 0, 28

Previews

White Background



This preview shows how the RGB color 128, 184, 215 looks on a white background.

Color Contrast Check

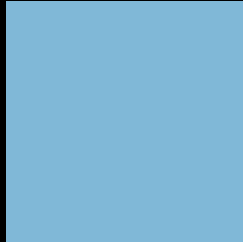
Large Text (above 18pt) WCAG AA × Fail

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 128, 184, 215 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 128, 184, 215 Background



This preview shows how black text looks on a background with the RGB color 128, 184, 215.



This preview shows how white text looks on a background with the RGB color 128, 184, 215.

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](#).

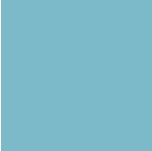
Dichromacy



Original Color
128, 184, 215

Protanopia
169, 174, 209

Deuteranopia
172, 172, 217



Tritanopia
124, 186, 201

Trichromacy



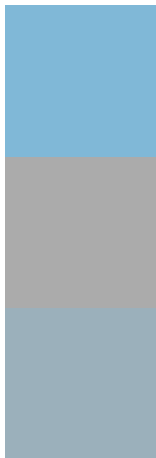
Original Color
128, 184, 215

Protanomaly
154, 178, 211

Deuteranomaly
156, 176, 216

Tritanomaly
125, 185, 206

Monochromacy



Original Color
128, 184, 215

Achromatopsia
171, 171, 171

Achromatomaly
155, 176, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 184, 215 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(128, 184, 215)` looks like.

```
.text, #text, p{  
    color:rgb(128, 184, 215)  
}
```

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(128, 184, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 184, 215) }
```

Border

The CSS property to change the border of an element to RGB 128, 184, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

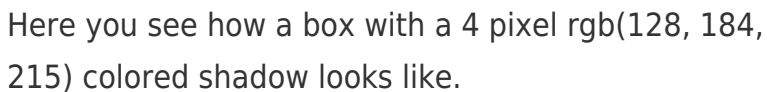
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 184, 215) }
```

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

```
.border{ border-color:rgb(128, 184, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 184, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 184, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 184, 215); box-shadow:4px 4px 4px 4px rgb(128, 184, 215) }
```

Background

The CSS property to change the background color of an element to RGB 128, 184, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 184, 215) }
```

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

```
.background{ background-color: rgb(128,  
184, 215) }
```

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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