

Converting Colors

RGB(127, 164, 199)

Have a look what the booklet for
RGB(127, 164, 199) contains.

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Color

RGB(127, 164, 199)

Conversions

Conversions Part 1

Format	Color
Hex	7FA4C7
RGB	127, 164, 199
RGB Percent	50%, 64%, 78%
CMY	0.5020, 0.3569, 0.2196
CMYK	0.36, 0.18, 0.00, 0.22
HSL	209°, 39%, 64%
HSV	209°, 36%, 78%
XYZ	32.3367, 35.1865, 59.1202
YIQ	156.9270, -33.2870, 3.0410

Conversions

Conversions Part 2

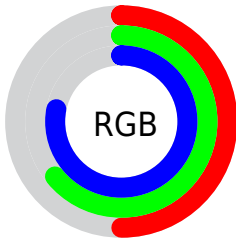
Format	Color
RYB	127, 151, 199
Decimal	8365255
CIELab	65.89, -3.94, -21.97
CIElCh	66, 22.318, 259.835
Yxy	35.1865, 0.2553, 0.2778
Android (android.graphics.Color)	4286555335 (0xFF7FA4C7)
YUV	156.9270, 20.7420, -26.2460
Hunter-Lab	59.3182, -6.4995, -17.5694

Details

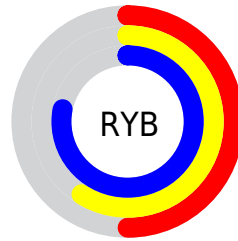
The RGB color **127, 164, 199** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **199, 162, 127**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **182, 219, 255**, and **74, 112, 145** is the 20% darker color. If you saturate the color by 10%, you get **107, 154, 199**, and if you desaturate by 10%, it is **147, 174, 199**.

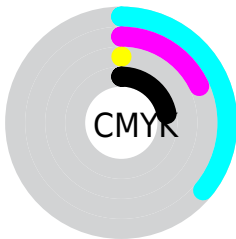
Distribution



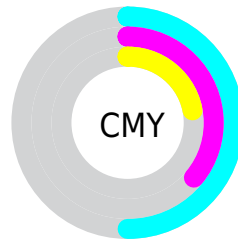
- Red (50%)
- Green (64%)
- Blue (78%)



- Red (50%)
- Yellow (59%)
- Blue (78%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)




- Cyan (50%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 164, 199 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 127, 164, 199 by changing the saturation by 10% instead.

 127, 164, 199

255, 255, 255


 182, 219, 255

 210, 247, 255

 239, 255, 255

 127, 164, 199

 101, 138, 172


 74, 112, 145

 48, 88, 119

 19, 65, 94


 0, 43, 71

 0, 23, 48

 0, 1, 27

 0, 0, 0

 127, 164, 199

 127, 164, 199

■ 107, 154, 199

■ 147, 174, 199

■ 87, 145, 199

■ 167, 183, 199

■ 67, 135, 199

■ 187, 193, 199

■ 47, 125, 199

■ 207, 203, 199

■ 27, 116, 199

■ 227, 212, 199

■ 8, 106, 199

■ 246, 222, 199

■ 0, 102, 199

■ 255, 232, 199

■ 255, 241, 199

■ 255, 251, 199

Harmonies

Analogous

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



107, 169, 190



127, 164, 199



154, 157, 198

Triad

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



127, 164, 199



201, 146, 147



138, 168, 134

Complementary

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



127, 164, 199



199, 162, 127

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.



161, 163, 122



127, 164, 199



196, 150, 130

Square

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



127, 164, 199



196, 146, 168



181, 156, 121



117, 171, 152

Rectangle

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



127, 164, 199



172, 153, 191



181, 156, 121



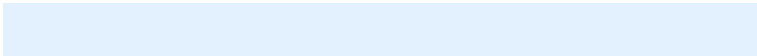
146, 167, 129

Sweetspot

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



127, 164, 199



227, 241, 255



127, 199, 162



111, 119, 128



0, 0, 0



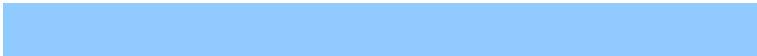
128, 128, 128

Same Dimension

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



127, 164, 199



145, 202, 255



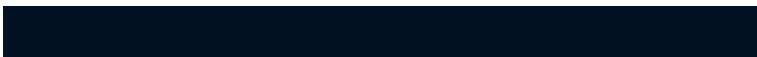
127, 128, 199



90, 95, 99



0, 84, 163



0, 18, 36

Inverse Universe

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



199, 127, 164



255, 145, 202



199, 198, 127



99, 90, 95



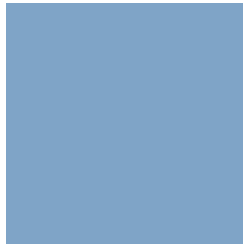
163, 0, 84



36, 0, 18

Previews

White Background



This preview shows how the RGB color 127, 164, 199 looks on a white background.

Color Contrast Check

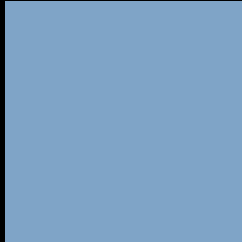
Large Text (above 18pt) WCAG AA × Fail

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 127, 164, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

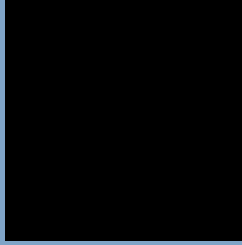
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

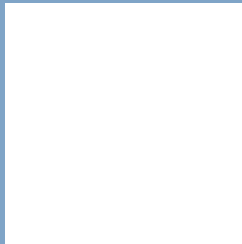
Any Text WCAG AAA ✓ Pass

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

RGB 127, 164, 199 Background



This preview shows how black text looks on a background with the RGB color 127, 164, 199.

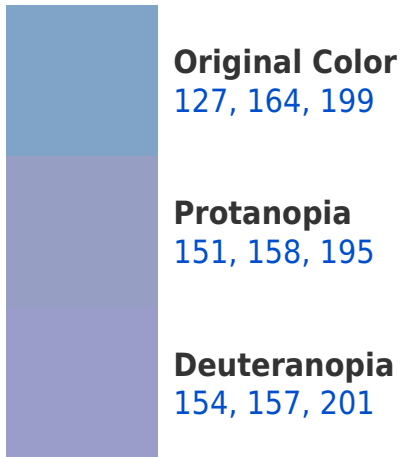



This preview shows how white text looks on a background with the RGB color 127, 164, 199.

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, 167, 181

Trichromacy



Original Color

127, 164, 199

Protanomaly

142, 160, 196

Deuteranomaly

144, 160, 200

Tritanomaly

124, 166, 188

Monochromacy



Original Color

127, 164, 199

Achromatopsia

157, 157, 157

Achromatomaly

146, 160, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 164, 199 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(127, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 199)  
}
```

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(127, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 199) }
```

Border

The CSS property to change the border of an element to RGB 127, 164, 199 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(127, 164, 199) }
```

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

```
.border{ border-color:rgb(127, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 164, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 164, 199); box-shadow:4px 4px 4px 4px rgb(127, 164, 199) }
```

Background

The CSS property to change the background color of an element to RGB 127, 164, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 199) }
```

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

```
.background{ background-color: rgb(127,  
164, 199) }
```

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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