

Converting Colors

RGB(122, 129, 193)

Have a look what the booklet for
RGB(122, 129, 193) contains.

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Color

RGB(122, 129, 193)

Conversions

Conversions Part 1

Format	Color
Hex	7A81C1
RGB	122, 129, 193
RGB Percent	48%, 51%, 76%
CMY	0.5216, 0.4941, 0.2431
CMYK	0.37, 0.33, 0.00, 0.24
HSL	234°, 36%, 62%
HSV	234°, 37%, 76%
XYZ	25.5019, 23.6883, 53.6803
YIQ	134.2030, -24.7160, 18.4200

Conversions

Conversions Part 2

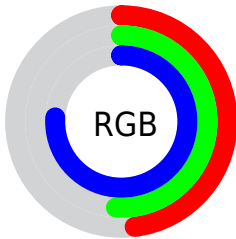
Format	Color
RYB	122, 128, 193
Decimal	8028609
CIELab	55.77, 13.12, -34.25
CIELCh	56, 36.674, 290.956
Yxy	23.6883, 0.2479, 0.2303
Android (android.graphics.Color)	4286218689 (0xFF7A81C1)
YUV	134.2030, 28.9869, -10.7020
Hunter-Lab	48.6707, 8.3548, -31.3232

Details

The RGB color **122, 129, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **193, 186, 122**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **177, 182, 250**, and **70, 80, 139** is the 20% darker color. If you saturate the color by 10%, you get **103, 112, 193**, and if you desaturate by 10%, it is **141, 146, 193**.

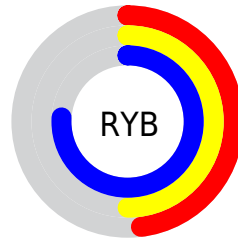
Distribution



Red (48%)

Green (51%)

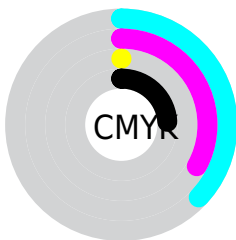
Blue (76%)



Red (48%)

Yellow (50%)

Blue (76%)

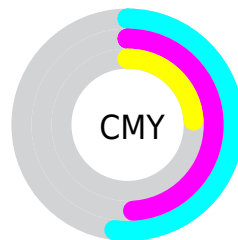


Cyan (37%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (52%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 129, 193 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 122, 129, 193 by changing the saturation by 10% instead.

 122, 129, 193


255, 255, 255

 177, 182, 250

 205, 209, 255

 233, 238, 255

 122, 129, 193


 96, 104, 166


 70, 80, 139

 43, 57, 113

 12, 36, 89

 0, 16, 65

 0, 3, 42


 0, 1, 20

 0, 0, 0


 122, 129, 193

 122, 129, 193


 103, 112, 193

 141, 146, 193

 83, 94, 193

 161, 164, 193

 64, 77, 193

 180, 181, 193

 45, 59, 193


 199, 199, 193

 26, 42, 193

 219, 216, 193

 6, 25, 193

 238, 233, 193

 0, 19, 193

 255, 251, 193

 255, 255, 193

Harmonies

Analogous

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



62, 140, 196



122, 129, 193



164, 117, 174

Triad

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



122, 129, 193



185, 117, 85



45, 150, 123

Complementary

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



122, 129, 193



193, 186, 122

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.



94, 146, 92



122, 129, 193



162, 128, 70

Square

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



122, 129, 193



195, 109, 113



131, 139, 73



0, 150, 155

Rectangle

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



122, 129, 193



182, 111, 155



131, 139, 73



64, 149, 112

Sweetspot

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



122, 129, 193



222, 225, 250



122, 193, 186



109, 110, 125



252, 252, 252



125, 125, 125

Same Dimension

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



122, 129, 193



140, 151, 250



150, 122, 193



87, 88, 97



0, 16, 161



0, 3, 33

Inverse Universe

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



193, 122, 129



250, 140, 151



165, 193, 122



97, 87, 88



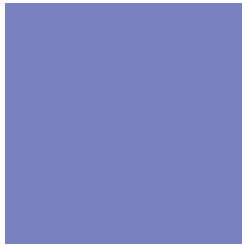
161, 0, 16



33, 0, 3

Previews

White Background



This preview shows how the RGB color 122, 129, 193 looks on a white background.

Color Contrast Check

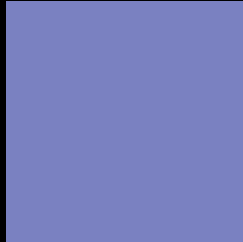
Large Text (above 18pt) WCAG AA ✓ Pass

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 122, 129, 193 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 × Fail

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

RGB 122, 129, 193 Background



This preview shows how black text looks on a background with the RGB color 122, 129, 193.



This preview shows how white text looks on a background with the RGB color 122, 129, 193.

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

122, 129, 193

Protanopia

113, 131, 195

Deuteranopia

110, 132, 192



Tritanopia

112, 138, 149

Trichromacy



Original Color

122, 129, 193

Protanomaly

116, 130, 194

Deuteranomaly

114, 131, 192

Tritanomaly

116, 135, 165

Monochromacy



Original Color

122, 129, 193

Achromatopsia

134, 134, 134

Achromatomaly

130, 132, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 129, 193 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(122, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(122, 129, 193)  
}
```

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(122, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 129, 193) }
```

Border

The CSS property to change the border of an element to RGB 122, 129, 193 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(122, 129, 193) }
```

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

```
.border{ border-color:rgb(122, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 129, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 129, 193);  
box-shadow:4px 4px 4px 4px rgb(122, 129,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 122, 129, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 129, 193) }
```

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

```
.background{ background-color: rgb(122,  
129, 193) }
```

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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