

Converting Colors

RGB(121, 136, 185)

Have a look what the booklet for
RGB(121, 136, 185) contains.

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Color

RGB(121, 136, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7988B9
RGB	121, 136, 185
RGB Percent	47%, 53%, 73%
CMY	0.5255, 0.4667, 0.2745
CMYK	0.35, 0.26, 0.00, 0.27
HSL	226°, 31%, 60%
HSV	226°, 35%, 73%
XYZ	25.4463, 25.1760, 49.4172
YIQ	137.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

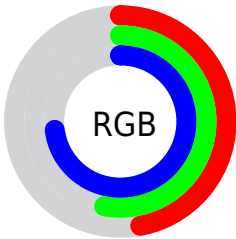
Format	Color
R_{YB}	121, 133, 185
Decimal	7964857
CIE _{Lab}	57.25, 6.54, -27.41
CIE _{LCh}	57, 28.180, 283.412
Yxy	25.1760, 0.2544, 0.2517
Android (android.graphics.Color)	4286154937 (0xFF7988B9)
YUV	137.1010, 23.6142, -14.1206
Hunter-Lab	50.1757, 2.7175, -23.2707

Details

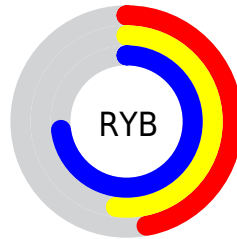
The RGB color `121, 136, 185` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `185, 170, 121`, and the grayscale version is `137, 137, 137`.

A 20% lighter version of the original color is `175, 189, 241`, and `70, 86, 132` is the 20% darker color. If you saturate the color by 10%, you get `103, 122, 185`, and if you desaturate by 10%, it is `139, 150, 185`.

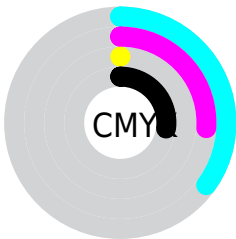
Distribution



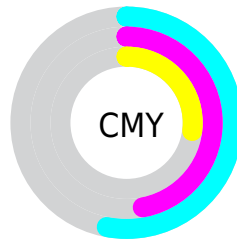
- Red (47%)
- Green (53%)
- Blue (73%)



- Red (47%)
- Yellow (52%)
- Blue (73%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 136, 185 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 121, 136, 185 by changing the saturation by 10% instead.

■ 121, 136, 185

255, 255, 255

■ 175, 189, 241

■ 203, 217, 255

■ 232, 245, 255

■ 121, 136, 185

■ 95, 111, 158

■ 70, 86, 132

■ 44, 63, 106

■ 17, 42, 82

■ 0, 22, 59

■ 0, 2, 37

■ 0, 1, 13


■ 0, 0, 0

■ 121, 136, 185

■ 121, 136, 185

 103, 122, 185

 139, 150, 185

 84, 108, 185

 158, 164, 185

 65, 94, 185

 177, 178, 185

 47, 79, 185

 195, 193, 185

 28, 65, 185

 213, 207, 185

 10, 51, 185

 232, 221, 185

 0, 43, 185

 251, 235, 185

 255, 249, 185

 255, 255, 185

Harmonies

Analogous

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



83, 144, 184



121, 136, 185



155, 127, 173

Triad

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



121, 136, 185



182, 123, 105



86, 150, 123

Complementary

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



121, 136, 185



185, 170, 121

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.



116, 146, 101



121, 136, 185



166, 131, 91

Square

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



121, 136, 185



186, 119, 127



143, 139, 89



60, 151, 148

Rectangle

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



121, 136, 185



171, 122, 160



143, 139, 89



96, 149, 115

Sweetspot

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



121, 136, 185



216, 221, 240



121, 185, 169



105, 109, 120



247, 247, 247



120, 120, 120

Same Dimension

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



121, 136, 185



139, 163, 240



137, 121, 185



83, 85, 92



0, 36, 156



0, 7, 28

Inverse Universe

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



185, 121, 136



240, 139, 163



169, 185, 121



92, 83, 85



156, 0, 36



28, 0, 7

Previews

White Background



This preview shows how the RGB color 121, 136, 185 looks on a white background.

Color Contrast Check

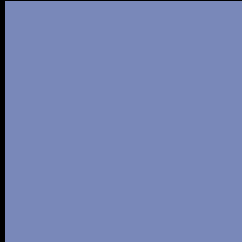
Large Text (above 18pt) WCAG AA ✓ Pass

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 121, 136, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

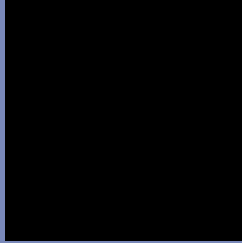
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

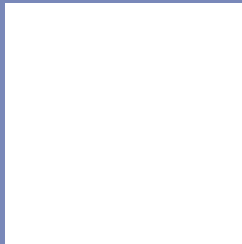
Any Text WCAG AAA × Fail

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

RGB 121, 136, 185 Background



This preview shows how black text looks on a background with the RGB color 121, 136, 185.



This preview shows how white text looks on a background with the RGB color 121, 136, 185.

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


121, 136, 185

Protanopia

123, 135, 185

Deuteranopia

124, 135, 185



Tritanopia

114, 142, 153

Trichromacy



Original Color
121, 136, 185

Protanomaly
122, 135, 185

Deuteranomaly
123, 135, 185

Tritanomaly
117, 140, 165

Monochromacy



Original Color
121, 136, 185

Achromatopsia
137, 137, 137

Achromatomaly
131, 137, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 136, 185 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(121, 136, 185)` looks like.

```
.text, #text, p{  
    color:rgb(121, 136, 185)  
}
```

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(121, 136, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 136, 185) }
```

Border

The CSS property to change the border of an element to RGB 121, 136, 185 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(121, 136, 185) }
```

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

```
.border{ border-color:rgb(121, 136, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 136, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 136, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 136, 185);  
box-shadow:4px 4px 4px 4px rgb(121, 136,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 121, 136, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 136, 185) }
```

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

```
.background{ background-color: rgb(121,  
136, 185) }
```

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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