

Converting Colors

RGB(87, 122, 129)

Have a look what the booklet for
RGB(87, 122, 129) contains.

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Color

RGB(87, 122, 129)

Conversions

Conversions Part 1

Format	Color
Hex	577A81
RGB	87, 122, 129
RGB Percent	34%, 48%, 51%
CMY	0.6588, 0.5216, 0.4941
CMYK	0.33, 0.05, 0.00, 0.49
HSL	190°, 19%, 42%
HSV	190°, 33%, 51%
XYZ	14.8525, 17.5303, 23.3698
YIQ	112.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

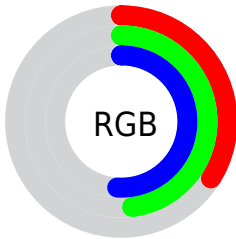
Format	Color
RYB	87, 106, 129
Decimal	5732993
CIELab	48.92, -10.52, -7.81
CIElCh	49, 13.104, 216.597
Yxy	17.5303, 0.2664, 0.3144
Android (android.graphics.Color)	4283923073 (0xFF577A81)
YUV	112.3330, 8.2168, -22.2170
Hunter-Lab	41.8692, -9.9509, -3.7850

Details

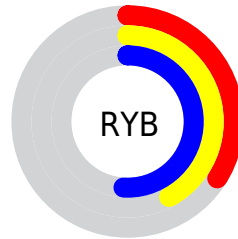
The RGB color **87, 122, 129** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **129, 94, 87**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **138, 174, 182**, and **39, 73, 80** is the 20% darker color. If you saturate the color by 10%, you get **74, 120, 129**, and if you desaturate by 10%, it is **100, 124, 129**.

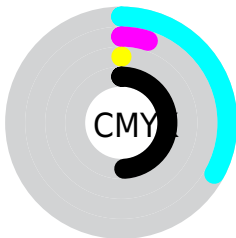
Distribution



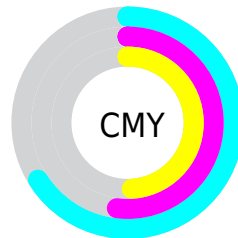
- Red (34%)
- Green (48%)
- Blue (51%)



- Red (34%)
- Yellow (42%)
- Blue (51%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 122, 129 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 87, 122, 129 by changing the saturation by 10% instead.



87, 122, 129



87, 122, 129

255, 255, 255



63, 97, 104



138, 174, 182



39, 73, 80



165, 202, 209



14, 51, 57



193, 230, 238



0, 30, 35



221, 255, 255



0, 1, 14



249, 255, 255



0, 0, 0



87, 122, 129



87, 122, 129



74, 120, 129



100, 124, 129



61, 118, 129



113, 126, 129

■ 48, 116, 129

■ 126, 128, 129

■ 35, 113, 129

■ 139, 131, 129

■ 23, 111, 129

■ 152, 133, 129

■ 10, 109, 129

■ 164, 135, 129

■ 0, 107, 129

■ 177, 137, 129

■ 190, 139, 129

■ 203, 141, 129

Harmonies

Analogous

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



89, 123, 118



87, 122, 129



94, 120, 136

Triad

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



87, 122, 129



133, 110, 125



122, 116, 94

Complementary

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



87, 122, 129



129, 94, 87

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.



133, 113, 96



87, 122, 129



139, 108, 114

Square

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



87, 122, 129



121, 113, 134



139, 110, 103



110, 120, 98

Rectangle

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



87, 122, 129



102, 118, 138



139, 110, 103



126, 115, 94

Sweetspot

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



87, 122, 129



151, 165, 168



87, 129, 94



74, 82, 84



212, 212, 212



84, 84, 84

Same Dimension

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



87, 122, 129



103, 157, 168



87, 101, 129



57, 63, 64



0, 106, 128



0, 0, 0

Inverse Universe

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



129, 87, 122



168, 103, 157



129, 115, 87



64, 57, 63



128, 0, 106



0, 0, 0

Previews

White Background



This preview shows how the RGB color 87, 122, 129 looks on a white 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

Black Background



This preview shows how the RGB color 87, 122, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

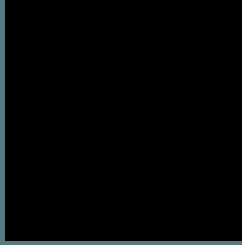
Any Text WCAG AA ✓ Pass

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 87, 122, 129 Background



This preview shows how black text looks on a background with the RGB color 87, 122, 129.



This preview shows how white text looks on a background with the RGB color 87, 122, 129.

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

[87](#), [122](#), [129](#)

Protanopia

[115](#), [115](#), [125](#)

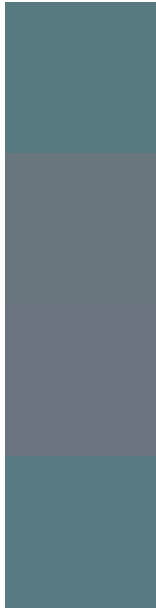
Deuteranopia

[120](#), [113](#), [131](#)



Tritanopia
88, 122, 131

Trichromacy



Original Color

87, 122, 129

Protanomaly

105, 118, 126

Deuteranomaly

108, 116, 130

Tritanomaly

88, 122, 130

Monochromacy



Original Color

87, 122, 129

Achromatopsia

112, 112, 112

Achromatomaly

103, 116, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 122, 129 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(87, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(87, 122, 129)  
}
```

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(87, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 122, 129) }
```

Border

The CSS property to change the border of an element to RGB 87, 122, 129 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(87, 122, 129) }
```

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

```
.border{ border-color:rgb(87, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(87, 122,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 87, 122, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 122, 129) }
```

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

```
.background{ background-color: rgb(87, 122,  
129) }
```

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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