

Converting Colors

RGB(84, 126, 131)

Have a look what the booklet for
RGB(84, 126, 131) contains.

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Color

RGB(84, 126, 131)

Conversions

Conversions Part 1

Format	Color
Hex	547E83
RGB	84, 126, 131
RGB Percent	33%, 49%, 51%
CMY	0.6706, 0.5059, 0.4863
CMYK	0.36, 0.04, 0.00, 0.49
HSL	186°, 22%, 42%
HSV	186°, 36%, 51%
XYZ	15.2137, 18.4452, 24.2312
YIQ	114.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

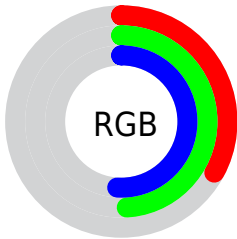
Format	Color
R_{YB}	84, 106, 131
Decimal	5537411
CIE _{Lab}	50.03, -13.14, -7.35
CIE _{LCh}	50, 15.057, 209.226
Yxy	18.4452, 0.2628, 0.3186
Android (android.graphics.Color)	4283727491 (0xFF547E83)
YUV	114.0120, 8.3751, -26.3205
Hunter-Lab	42.9479, -11.9275, -3.3878

Details

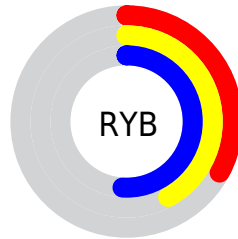
The RGB color **84, 126, 131** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **131, 89, 84**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **136, 179, 184**, and **34, 77, 82** is the 20% darker color. If you saturate the color by 10%, you get **71, 125, 131**, and if you desaturate by 10%, it is **97, 127, 131**.

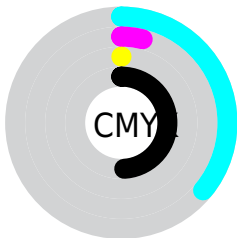
Distribution



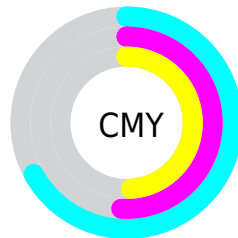
- Red (33%)
- Green (49%)
- Blue (51%)



- Red (33%)
- Yellow (42%)
- Blue (51%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (67%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 126, 131 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 84, 126, 131 by changing the saturation by 10% instead.



84, 126, 131



84, 126, 131

255, 255, 255



59, 101, 106



136, 179, 184



34, 77, 82



162, 206, 212



7, 54, 59



190, 235, 240



0, 33, 37



218, 255, 255



0, 1, 17



247, 255, 255



0, 0, 0



84, 126, 131



84, 126, 131



71, 125, 131



97, 127, 131



58, 123, 131



110, 129, 131

■ 45, 122, 131

■ 123, 130, 131

■ 32, 120, 131

■ 136, 132, 131

■ 19, 119, 131

■ 150, 133, 131

■ 5, 118, 131

■ 163, 134, 131

■ 0, 117, 131

■ 176, 136, 131

■ 189, 137, 131

■ 202, 139, 131

Harmonies

Analogous

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



89, 126, 118



84, 126, 131



90, 124, 141

Triad

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



84, 126, 131



135, 112, 132



129, 118, 94

Complementary

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



84, 126, 131



131, 89, 84

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.



140, 114, 97



84, 126, 131



144, 110, 120

Square

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



84, 126, 131



121, 116, 141



145, 111, 107



115, 122, 97

Rectangle

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



84, 126, 131



98, 122, 144



145, 111, 107



133, 117, 94

Sweetspot

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



84, 126, 131



152, 169, 171



84, 131, 89



75, 86, 87



214, 214, 214



87, 87, 87

Same Dimension

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



84, 126, 131



97, 163, 171



84, 103, 131



60, 66, 66



0, 116, 130



0, 2, 3

Inverse Universe

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



131, 84, 126



171, 97, 163



131, 112, 84



66, 60, 66



130, 0, 116



3, 0, 2

Previews

White Background



This preview shows how the RGB color 84, 126, 131 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 84, 126, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

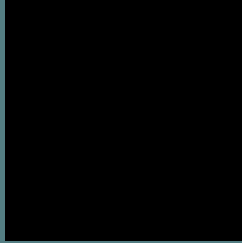
Any Text WCAG AA ✓ Pass

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 84, 126, 131 Background



This preview shows how black text looks on a background with the RGB color 84, 126, 131.



This preview shows how white text looks on a background with the RGB color 84, 126, 131.

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

84, 126, 131

Protanopia

119, 118, 126

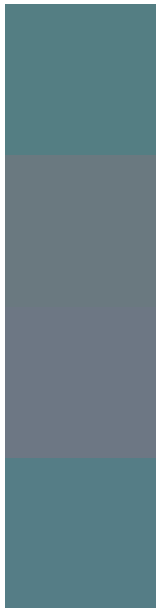
Deuteranopia

123, 115, 133



Tritanopia
85, 125, 135

Trichromacy



Original Color

84, 126, 131

Protanomaly

106, 121, 128

Deuteranomaly

109, 119, 132

Tritanomaly

85, 125, 134

Monochromacy



Original Color

84, 126, 131

Achromatopsia

114, 114, 114

Achromatomaly

103, 118, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 126, 131 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(84, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(84, 126, 131)  
}
```

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(84, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 126, 131) }
```

Border

The CSS property to change the border of an element to RGB 84, 126, 131 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(84, 126, 131) }
```

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

```
.border{ border-color:rgb(84, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(84, 126,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 84, 126, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 126, 131) }
```

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

```
.background{ background-color: rgb(84, 126,  
131) }
```

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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