

Converting Colors

RGB(86, 103, 132)

Have a look what the booklet for
RGB(86, 103, 132) contains.

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Color

RGB(86, 103, 132)

Conversions

Conversions Part 1

Format	Color
Hex	566784
RGB	86, 103, 132
RGB Percent	34%, 40%, 52%
CMY	0.6627, 0.5961, 0.4824
CMYK	0.35, 0.22, 0.00, 0.48
HSL	218°, 21%, 43%
HSV	218°, 35%, 52%
XYZ	12.8529, 13.3449, 23.7282
YIQ	101.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

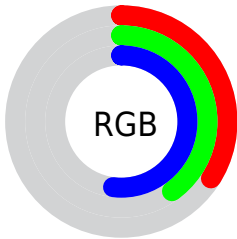
Format	Color
R_{YB}	86, 98, 132
Decimal	5662596
CIE _{Lab}	43.28, 1.13, -18.15
CIE _{LCh}	43, 18.186, 273.561
Yxy	13.3449, 0.2574, 0.2673
Android (android.graphics.Color)	4283852676 (0xFF566784)
YUV	101.2230, 15.1731, -13.3506
Hunter-Lab	36.5306, -1.1256, -12.9399

Details

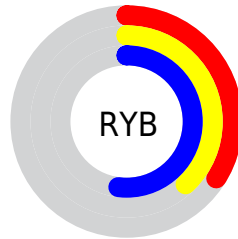
The RGB color **86, 103, 132** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **132, 115, 86**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **137, 154, 185**, and **38, 56, 82** is the 20% darker color. If you saturate the color by 10%, you get **73, 95, 132**, and if you desaturate by 10%, it is **99, 111, 132**.

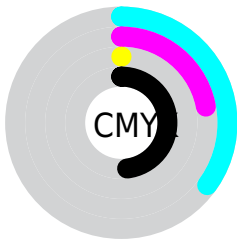
Distribution



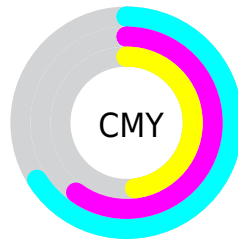
- Red (34%)
- Green (40%)
- Blue (52%)



- Red (34%)
- Yellow (38%)
- Blue (52%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (48%)



- Cyan (66%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 103, 132 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 86, 103, 132 by changing the saturation by 10% instead.



86, 103, 132



86, 103, 132

255, 255, 255



62, 79, 107



137, 154, 185



38, 56, 82



164, 181, 213



14, 35, 59



191, 208, 241



0, 13, 38



219, 236, 255



0, 1, 15



248, 255, 255



0, 0, 0



86, 103, 132



86, 103, 132



73, 95, 132



99, 111, 132



60, 86, 132



112, 120, 132

■ 46, 78, 132

■ 126, 128, 132

■ 33, 70, 132

■ 139, 136, 132

■ 20, 61, 132

■ 152, 145, 132

■ 7, 53, 132

■ 165, 153, 132

■ 0, 49, 132

■ 178, 161, 132

■ 192, 170, 132

■ 205, 178, 132

Harmonies

Analogous

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



66, 107, 129



86, 103, 132



107, 98, 127

Triad

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



86, 103, 132



132, 93, 86



78, 109, 88

Complementary

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



86, 103, 132



132, 115, 86

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.



95, 106, 77



86, 103, 132



124, 97, 76

Square

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



86, 103, 132



132, 91, 101



111, 102, 72



63, 111, 104

Rectangle

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



86, 103, 132



118, 95, 120



111, 102, 72



83, 109, 84

Sweetspot

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



86, 103, 132



154, 160, 171



86, 132, 114



76, 80, 87



214, 214, 214



87, 87, 87

Same Dimension

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



86, 103, 132



99, 126, 171



91, 86, 132



60, 62, 66



0, 48, 130



0, 1, 3

Inverse Universe

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



132, 86, 103



171, 99, 126



127, 132, 86



66, 60, 62



130, 0, 48



3, 0, 1

Previews

White Background



This preview shows how the RGB color 86, 103, 132 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 86, 103, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

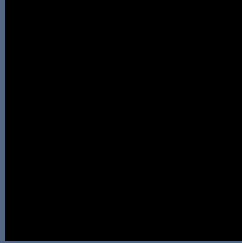
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

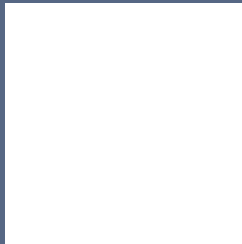
Any Text WCAG AAA × Fail

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

RGB 86, 103, 132 Background



This preview shows how black text looks on a background with the RGB color 86, 103, 132.

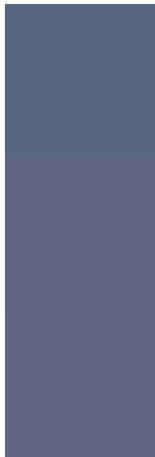


This preview shows how white text looks on a background with the RGB color 86, 103, 132.

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

86, 103, 132

Protanopia

94, 101, 130

Deuteranopia

96, 100, 133



Tritanopia
82, 106, 115

Trichromacy



Original Color

86, 103, 132

Protanomaly

91, 102, 131

Deuteranomaly

92, 101, 133

Tritanomaly

83, 105, 121

Monochromacy



Original Color

86, 103, 132

Achromatopsia

101, 101, 101

Achromatomaly

96, 102, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 103, 132 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(86, 103, 132) looks like.

```
.text, #text, p{  
    color:rgb(86, 103, 132)  
}
```

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(86, 103, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 103, 132) }
```

Border

The CSS property to change the border of an element to RGB 86, 103, 132 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(86, 103, 132) }
```

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

```
.border{ border-color:rgb(86, 103, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 103, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 103, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 103, 132);  
box-shadow:4px 4px 4px 4px rgb(86, 103,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 86, 103, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 103, 132) }
```

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

```
.background{ background-color: rgb(86, 103,  
132) }
```

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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