

Converting Colors

RGB(104, 107, 147)

Have a look what the booklet for
RGB(104, 107, 147) contains.

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Color

RGB(104, 107, 147)

Conversions

Conversions Part 1

Format	Color
Hex	686B93
RGB	104, 107, 147
RGB Percent	41%, 42%, 58%
CMY	0.5922, 0.5804, 0.4235
CMYK	0.29, 0.27, 0.00, 0.42
HSL	236°, 17%, 49%
HSV	236°, 29%, 58%
XYZ	16.2331, 15.5650, 29.7525
YIQ	110.6630, -14.6280, 11.8040

Conversions

Conversions Part 2

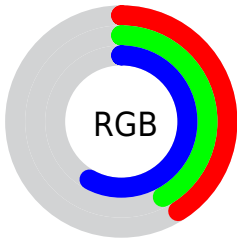
Format	Color
RYB	104, 107, 147
Decimal	6843283
CIELab	46.40, 8.45, -22.20
CIELCh	46, 23.754, 290.843
Yxy	15.5650, 0.2637, 0.2529
Android (android.graphics.Color)	4285033363 (0xFF686B93)
YUV	110.6630, 17.9141, -5.8435
Hunter-Lab	39.4525, 4.4034, -17.0959

Details

The RGB color **104, 107, 147** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147, 144, 104**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **156, 158, 201**, and **55, 60, 96** is the 20% darker color. If you saturate the color by 10%, you get **89, 93, 147**, and if you desaturate by 10%, it is **119, 121, 147**.

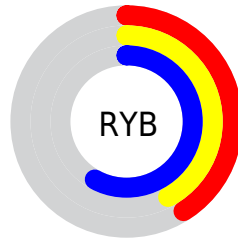
Distribution



Red (41%)

Green (42%)

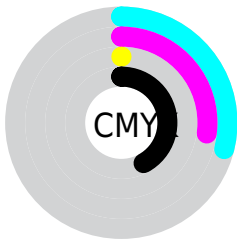
Blue (58%)



Red (41%)

Yellow (42%)

Blue (58%)

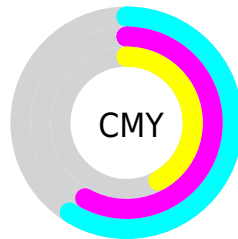


Cyan (29%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (59%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 107, 147 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 104, 107, 147 by changing the saturation by 10% instead.

■ 104, 107, 147

255, 255, 255

■ 156, 158, 201

■ 183, 185, 229

■ 211, 213, 255

■ 240, 241, 255

■ 104, 107, 147

■ 79, 83, 121

■ 55, 60, 96

■ 32, 38, 72

■ 8, 18, 50

■ 0, 2, 28

■ 0, 0, 0

■ 104, 107, 147

■ 89, 93, 147

■ 75, 80, 147

■ 104, 107, 147

■ 119, 121, 147

■ 133, 134, 147

■ 60, 66, 147

■ 148, 148, 147

■ 45, 52, 147

■ 163, 162, 147

■ 30, 39, 147

■ 178, 175, 147

■ 16, 25, 147

■ 192, 189, 147

■ 1, 11, 147

■ 207, 203, 147

■ 0, 10, 147

■ 222, 216, 147

■ 236, 230, 147

Harmonies

Analogous

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



73, 114, 149



104, 107, 147



129, 100, 135

Triad

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



104, 107, 147



144, 100, 80



63, 120, 103

Complementary

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



104, 107, 147



147, 144, 104

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.



87, 118, 84



104, 107, 147



129, 107, 71

Square

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



104, 107, 147



150, 95, 97



109, 113, 72



44, 121, 123

Rectangle

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



104, 107, 147



141, 97, 123



109, 113, 72



71, 120, 96

Sweetspot

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



104, 107, 147



174, 175, 191



104, 147, 143



86, 87, 97



224, 224, 224



97, 97, 97

Same Dimension

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



104, 107, 147



124, 129, 191



122, 104, 147



67, 67, 74



0, 10, 138



0, 1, 10

Inverse Universe

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



147, 104, 107



191, 124, 129



129, 147, 104



74, 67, 67



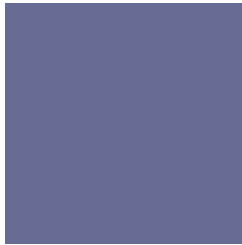
138, 0, 10



10, 0, 1

Previews

White Background



This preview shows how the RGB color 104, 107, 147 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 104, 107, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

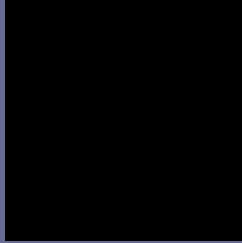
Any Text WCAG AA × Fail

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 104, 107, 147 Background



This preview shows how black text looks on a background with the RGB color 104, 107, 147.



This preview shows how white text looks on a background with the RGB color 104, 107, 147.

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

104, 107, 147

Protanopia

99, 108, 148

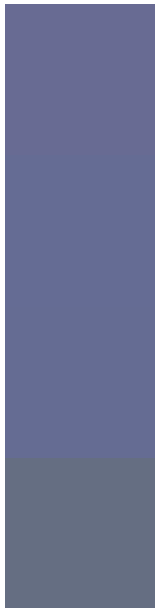
Deuteranopia

100, 108, 147



Tritanopia
99, 112, 121

Trichromacy



Original Color

104, 107, 147

Protanomaly

101, 108, 148

Deuteranomaly

101, 108, 147

Tritanomaly

101, 110, 130

Monochromacy



Original Color

104, 107, 147

Achromatopsia

111, 111, 111

Achromatomaly

108, 110, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 107, 147 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(104, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(104, 107, 147)  
}
```

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(104, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 107, 147) }
```

Border

The CSS property to change the border of an element to RGB 104, 107, 147 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(104, 107, 147) }
```

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

```
.border{ border-color:rgb(104, 107, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 107, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(104, 107,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 104, 107, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 107, 147) }
```

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

```
.background{ background-color: rgb(104,  
107, 147) }
```

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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