

Converting Colors

`RYB(108, 83, 128)`

Have a look what the booklet for
RYB(108, 83, 128) contains.

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Color

R_YB(108, 83, 128)

Conversions

Conversions Part 1

Format	Color
Hex	6C5380
RGB	108, 83, 128
RGB Percent	42%, 33%, 50%
CMY	0.5765, 0.6745, 0.4980
CMYK	0.16, 0.35, 0.00, 0.50
HSL	273°, 21%, 41%
HSV	273°, 35%, 50%
XYZ	13.1739, 10.9332, 21.8380
YIQ	95.6050, 0.4550, 19.2950

Conversions

Conversions Part 2

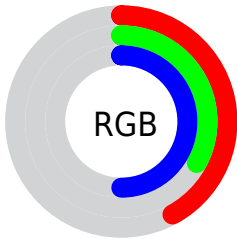
Format	Color
R _Y B	108, 83, 128
Decimal	7099264
CIE Lab	39.47, 19.67, -21.44
CIE LCh	39, 29.096, 312.545
Yxy	10.9332, 0.2867, 0.2380
Android (android.graphics.Color)	4285289344 (0xFF6C5380)
YUV	95.6050, 15.9707, 10.8704
Hunter-Lab	33.0653, 13.2535, -16.0124

Details

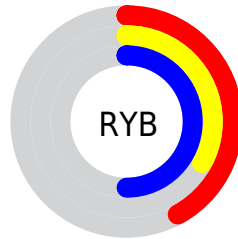
The RYB color **108, 83, 128** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **83, 128, 108**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **160, 133, 181**, and **59, 38, 79** is the 20% darker color. If you saturate the color by 10%, you get **102, 70, 128**, and if you desaturate by 10%, it is **114, 96, 128**.

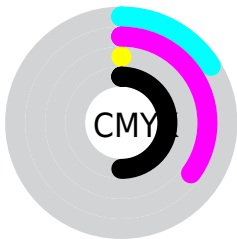
Distribution



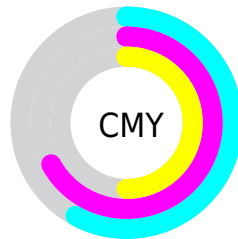
- Red (42%)
- Green (33%)
- Blue (50%)



- Red (42%)
- Yellow (33%)
- Blue (50%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 83, 128 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 RYB color 108, 83, 128 by changing the saturation by 10% instead.

■ 108, 83, 128 ■ 108, 83, 128

255, 255, 255 ■ 83, 60, 103

■ 160, 133, 181 ■ 59, 38, 79

■ 187, 159, 209 ■ 37, 17, 56

■ 215, 186, 237 ■ 18, 0, 34

■ 244, 214, 255 ■ 0, 0, 8

■ 255, 242, 255 ■ 0, 0, 0

■ 108, 83, 128 ■ 108, 83, 128

■ 102, 70, 128 ■ 114, 96, 128

■ 97, 57, 128 ■ 119, 109, 128

■ 91, 45, 128

■ 125, 121, 128

■ 85, 32, 128

■ 128, 134, 131

■ 80, 19, 128

■ 128, 147, 139

■ 74, 6, 128

■ 128, 160, 146

■ 71, 0, 128

■ 128, 173, 153

■ 128, 185, 159

■ 128, 198, 167

Harmonies

Analogous

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



73, 88, 139



108, 83, 128



130, 76, 108

Triad

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



108, 83, 128



106, 119, 48



0, 53, 105

Complementary

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



108, 83, 128



83, 128, 108

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.



39, 80, 104



108, 83, 128



48, 98, 45

Square

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



108, 83, 128



134, 84, 62



57, 101, 86



0, 57, 124

Rectangle

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



108, 83, 128



137, 74, 92



57, 101, 86



0, 55, 105

Sweetspot

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



108, 83, 128



158, 148, 166



83, 97, 128



79, 73, 84



212, 212, 212



84, 84, 84

Same Dimension

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



108, 83, 128



135, 96, 166



128, 83, 126



61, 57, 64



71, 0, 128



0, 0, 0

Inverse Universe

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



128, 83, 103



166, 96, 127



83, 126, 128



64, 57, 60



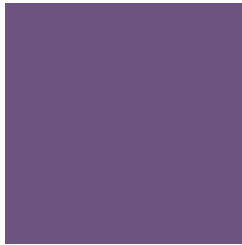
128, 0, 57



0, 0, 0

Previews

White Background



This preview shows how the RYB color 108, 83, 128 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 RYB color 108, 83, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

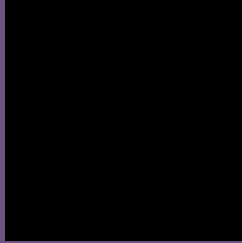
Any Text WCAG AA × Fail

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](#).

R Y B 108, 83, 128 Background



This preview shows how black text looks on a background with the R Y B color 108, 83, 128.

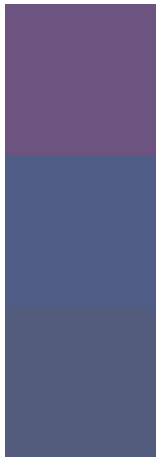


This preview shows how white text looks on a background with the R Y B color 108, 83, 128.

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
108, 83, 128

Protanopia
79, 90, 135

Deuteranopia
84, 91, 126



Tritanopia
103, 89, 96

Trichromacy



Original Color
108, 83, 128

Protanomaly
90, 89, 132

Deuteranomaly
93, 89, 127

Tritanomaly
105, 87, 108

Monochromacy



Original Color
108, 83, 128

Achromatopsia
96, 96, 96

Achromatomaly
100, 91, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 83, 128 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(108, 83, 128) looks like.

```
.text, #text, p{  
    color:rgb(108, 83, 128)  
}
```

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(108, 83, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 83, 128) }
```

Border

The CSS property to change the border of an element to RYB 108, 83, 128 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(108, 83, 128) }
```

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

```
.border{ border-color:rgb(108, 83, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 83, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 83, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 83, 128); box-shadow:4px 4px 4px 4px rgb(108, 83, 128) }
```

Background

The CSS property to change the background color of an element to RGB 108, 83, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 83, 128) }
```

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

```
.background{ background-color: rgb(108, 83,  
128) }
```

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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