Converting Colors

RGB(100, 85, 126)

Have a look what the booklet for RGB(100, 85, 126) contains.

Color

RGB(100, 85, 126)

Conversions

Conversions Part 1

Format	Color
Hex	64557E
RGB	100, 85, 126
RGB Percent	39%, 33%, 49%
CMY	0.6078, 0.6667, 0.5059
CMYK	0.21, 0.33, 0.00, 0.51
HSL	262°, 19%, 41%
HSV	262°, 33%, 49%
XYZ	12.2699, 10.7127, 21.1597
YIQ	94.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

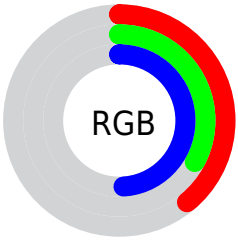
Format	Color
RYB	100, 85, 126
Decimal	6575486
CIELab	39.09, 15.23, -20.86
CIELCh	39, 25.829, 306.140
Yxy	10.7127, 0.2780, 0.2427
Android (android.graphics.Color)	4284765566 (0xFF64557E)
YUV	94.1590, 15.6976, 5.1226
Hunter-Lab	32.7302, 9.6383, -15.4191

Details

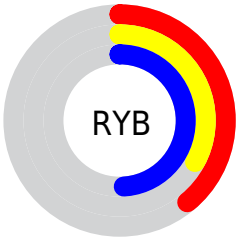
The RGB color 100, 85, 126 is a dark color, and the websafe version is hex 666699. A complement of this color would be 111, 126, 85, and the grayscale version is 94, 94, 94.

A 20% lighter version of the original color is 151, 135, 179, and 52, 40, 77 is the 20% darker color. If you saturate the color by 10%, you get 92, 72, 126, and if you desaturate by 10%, it is 108, 98, 126.

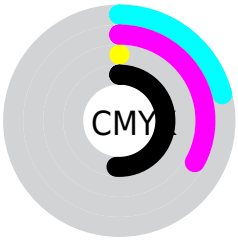
Distribution



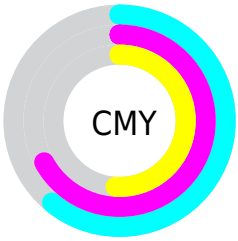
- Red (39%)
- Green (33%)
- Blue (49%)



- Red (39%)
- Yellow (33%)
- Blue (49%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 85, 126 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 100, 85, 126 by changing the saturation by 10% instead.

100, 85, 126	100, 85, 126
255, 255, 255	76, 62, 101
151, 135, 179	52, 40, 77
178, 161, 206	30, 19, 54
206, 188, 235	6, 0, 33
234, 216, 255	0, 0, 5
255, 244, 255	0, 0, 0

100, 85, 126	100, 85, 126
92, 72, 126	108, 98, 126
84, 60, 126	116, 110, 126

76, 47, 126

68, 35, 126

60, 22, 126

52, 9, 126

46, 0, 126

124, 123, 126

132, 135, 126

140, 148, 126

148, 161, 126

156, 173, 126

164, 186, 126

172, 198, 126

Harmonies

Analogous

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

68, 93, 134

100, 85, 126

122, 78, 109

Triad

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

100, 85, 126

119, 85, 54

18, 103, 96

Complementary

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

100, 85, 126

111, 126, 85

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.

53, 102, 74

100, 85, 126

101, 92, 50

Square

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

100, 85, 126

131, 78, 68

79, 98, 57

0, 102, 116

Rectangle

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

100, 85, 126

130, 76, 96

79, 98, 57

32, 103, 89

Sweetspot

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

100, 85, 126

153, 147, 163

85, 112, 126

75, 72, 82

209, 209, 209

82, 82, 82

Same Dimension

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

100, 85, 126

123, 100, 163

120, 85, 126

60, 57, 64

47, 0, 128

0, 0, 0

Inverse Universe

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

126, 85, 111

163, 100, 140

91, 126, 85

64, 57, 61

128, 0, 81

0, 0, 0

Previews

White Background

This preview shows how the RGB color 100, 85, 126 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 100, 85, 126 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 100, 85, 126 Background

This preview shows how black text looks on a background with the RGB color 100, 85, 126.

This preview shows how white text looks on a background with the RGB color 100, 85, 126.

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
100, 85, 126

Protanopia
80, 91, 131

Deuteranopia
83, 91, 125

Tritanopia
95, 91, 98

Trichromacy

Original Color
100, 85, 126

Protanomaly
87, 89, 129

Deuteranomaly
89, 89, 125

Tritanomaly
97, 89, 108

Monochromacy

Original Color
100, 85, 126

Achromatopsia
94, 94, 94

Achromatomaly
96, 91, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 85, 126 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(100, 85, 126) looks like.

```
.text, #text, p{
    color:rgb(100, 85, 126)
}
```

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(100, 85, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 85, 126) }
```

Border

The CSS property to change the border of an element to RGB 100, 85, 126 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(100, 85, 126) }
```

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

```
.border{ border-color:rgb(100, 85, 126) }
```

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

Here you see how a box with a 4 pixel rgb(100, 85, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 85, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 85, 126); box-shadow:4px 4px 4px 4px rgb(100, 85, 126) }
```

Background

The CSS property to change the background color of an element to RGB 100, 85, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(100, 85, 126) }
```

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

```
.background{ background-color:rgb(100, 85, 126) }
```

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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