

Converting Colors

RGB(107, 85, 132)

Have a look what the booklet for
RGB(107, 85, 132) contains.

RGB(107, 85, 132)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(107, 85, 132)

Conversions

Conversions Part 1

Format	Color
Hex	6B5584
RGB	107, 85, 132
RGB Percent	42%, 33%, 52%
CMY	0.5804, 0.6667, 0.4824
CMYK	0.19, 0.36, 0.00, 0.48
HSL	268°, 22%, 43%
HSV	268°, 36%, 52%
XYZ	13.4768, 11.2887, 23.2984
YIQ	96.9360, -1.9750, 19.2810

Conversions

Conversions Part 2

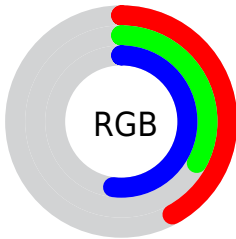
Format	Color
R_{YB}	107, 85, 132
Decimal	7034244
CIE _{Lab}	40.06, 19.08, -22.96
CIE _{LCh}	40, 29.855, 309.718
Yxy	11.2887, 0.2804, 0.2349
Android (android.graphics.Color)	4285224324 (0xFF6B5584)
YUV	96.9360, 17.2866, 8.8261
Hunter-Lab	33.5987, 12.8003, -17.5945

Details

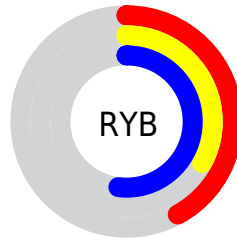
The RGB color **107, 85, 132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110, 132, 85**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **159, 135, 185**, and **58, 39, 82** is the 20% darker color. If you saturate the color by 10%, you get **100, 72, 132**, and if you desaturate by 10%, it is **114, 98, 132**.

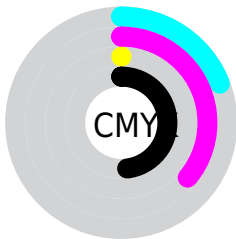
Distribution



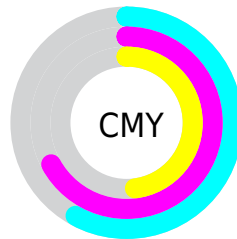
- Red (42%)
- Green (33%)
- Blue (52%)



- Red (42%)
- Yellow (33%)
- Blue (52%)



- Cyan (19%)
- Magenta (36%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (67%)
- Yellow (48%)
- Black (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 85, 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 107, 85, 132 by changing the saturation by 10% instead.



107, 85, 132



107, 85, 132

255, 255, 255



82, 62, 107



159, 135, 185



58, 39, 82



186, 161, 213



36, 19, 59



214, 188, 241



19, 0, 38



243, 216, 255



0, 1, 14



255, 245, 255



0, 0, 0



107, 85, 132



107, 85, 132



100, 72, 132



114, 98, 132



93, 59, 132



121, 111, 132

86, 45, 132

128, 125, 132

79, 32, 132

135, 138, 132

72, 19, 132

142, 151, 132

65, 6, 132

149, 164, 132

62, 0, 132

156, 177, 132

163, 191, 132

170, 204, 132

Harmonies

Analogous

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



69, 94, 142



107, 85, 132



131, 77, 112

Triad

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



107, 85, 132



123, 87, 49



0, 107, 102

Complementary

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



107, 85, 132



110, 132, 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.



42, 106, 77



107, 85, 132



102, 96, 45

Square

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



107, 85, 132



137, 79, 64



75, 102, 56



0, 106, 125

Rectangle

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



107, 85, 132



139, 75, 96



75, 102, 56



0, 107, 93

Sweetspot

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



107, 85, 132



161, 152, 171



85, 110, 132



81, 75, 87



214, 214, 214



87, 87, 87

Same Dimension

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



107, 85, 132



132, 97, 171



130, 85, 132



63, 60, 66



61, 0, 130



1, 0, 3

Inverse Universe

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



132, 85, 110



171, 97, 136



87, 132, 85



66, 60, 63



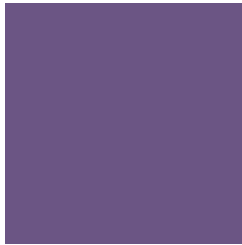
130, 0, 69



3, 0, 1

Previews

White Background



This preview shows how the RGB color 107, 85, 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 107, 85, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

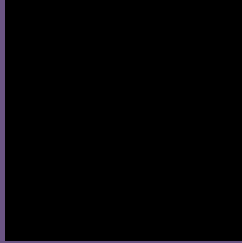
Any Text WCAG AA × Fail

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 107, 85, 132 Background



This preview shows how black text looks on a background with the RGB color 107, 85, 132.

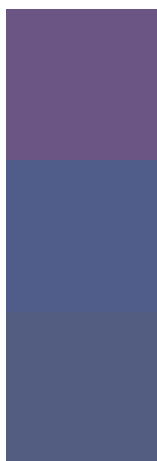


This preview shows how white text looks on a background with the RGB color 107, 85, 132.

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

107, 85, 132

Protanopia

80, 93, 138

Deuteranopia

83, 93, 130



Tritanopia
101, 92, 99

Trichromacy



Original Color
107, 85, 132

Protanomaly
90, 90, 136

Deuteranomaly
92, 90, 131

Tritanomaly
103, 89, 111

Monochromacy



Original Color
107, 85, 132

Achromatopsia
97, 97, 97

Achromatomaly
101, 93, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 85, 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(107, 85, 132) looks like.

```
.text, #text, p{  
    color:rgb(107, 85, 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(107, 85, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 85, 132) }
```

Border

The CSS property to change the border of an element to RGB 107, 85, 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(107, 85, 132) }
```

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

```
.border{ border-color:rgb(107, 85, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 85, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 85, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 85, 132);  
box-shadow:4px 4px 4px 4px rgb(107, 85,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 107, 85, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 85, 132) }
```

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

```
.background{ background-color: rgb(107, 85,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor