

Converting Colors

RGB(80, 77, 132)

Have a look what the booklet for
RGB(80, 77, 132) contains.

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Color

RGB(80, 77, 132)

Conversions

Conversions Part 1

Format	Color
Hex	504D84
RGB	80, 77, 132
RGB Percent	31%, 30%, 52%
CMY	0.6863, 0.6980, 0.4824
CMYK	0.39, 0.42, 0.00, 0.48
HSL	243°, 26%, 41%
HSV	243°, 42%, 52%
XYZ	10.1270, 8.6792, 22.9713
YIQ	84.1670, -15.8670, 17.7410

Conversions

Conversions Part 2

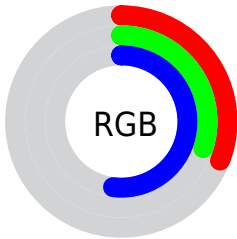
Format	Color
R_{YB}	80, 77, 132
Decimal	5262724
CIE _{Lab}	35.36, 15.66, -30.51
CIE _{LCh}	35, 34.297, 297.173
Yxy	8.6792, 0.2424, 0.2077
Android (android.graphics.Color)	4283452804 (0xFF504D84)
YUV	84.1670, 23.5817, -3.6545
Hunter-Lab	29.4604, 9.8035, -25.6081

Details

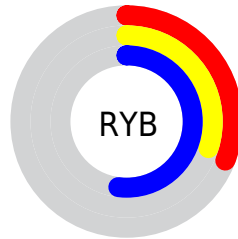
The RGB color **80, 77, 132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129, 132, 77**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **131, 126, 185**, and **30, 33, 82** is the 20% darker color. If you saturate the color by 10%, you get **68, 64, 132**, and if you desaturate by 10%, it is **92, 90, 132**.

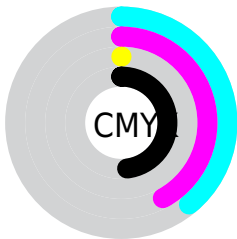
Distribution



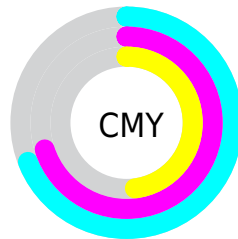
- Red (31%)
- Green (30%)
- Blue (52%)



- Red (31%)
- Yellow (30%)
- Blue (52%)



- Cyan (39%)
- Magenta (42%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (70%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 80, 77, 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 80, 77, 132 by changing the saturation by 10% instead.



80, 77, 132



80, 77, 132

255, 255, 255



55, 54, 107



131, 126, 185



30, 33, 82



158, 152, 213



3, 12, 59



186, 179, 242



0, 2, 37



214, 206, 255



0, 1, 13



243, 234, 255



0, 0, 0



80, 77, 132



80, 77, 132



68, 64, 132



92, 90, 132



55, 51, 132



105, 103, 132

■ 43, 37, 132

■ 117, 117, 132

■ 30, 24, 132

■ 130, 130, 132

■ 18, 11, 132

■ 142, 143, 132

■ 7, 0, 132

■ 155, 156, 132

■ 167, 169, 132

■ 180, 183, 132

■ 192, 196, 132

Harmonies

Analogous

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



7, 87, 138



80, 77, 132



114, 66, 113

Triad

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



80, 77, 132



121, 71, 37



0, 96, 80

Complementary

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



80, 77, 132



129, 132, 77

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.



38, 94, 52



80, 77, 132



101, 81, 25

Square

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



80, 77, 132



133, 61, 60



74, 89, 32



0, 96, 107

Rectangle

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



80, 77, 132



127, 61, 96



74, 89, 32



0, 96, 70

Sweetspot

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



80, 77, 132



150, 149, 171



77, 129, 132



74, 73, 87



214, 214, 214



87, 87, 87

Same Dimension

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



80, 77, 132



90, 85, 171



107, 77, 132



60, 60, 66



7, 0, 130



0, 0, 3

Inverse Universe

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



132, 77, 129



171, 85, 166



102, 132, 77



66, 60, 66



130, 0, 123



3, 0, 2

Previews

White Background



This preview shows how the RGB color 80, 77, 132 looks on a white background.

Color Contrast Check

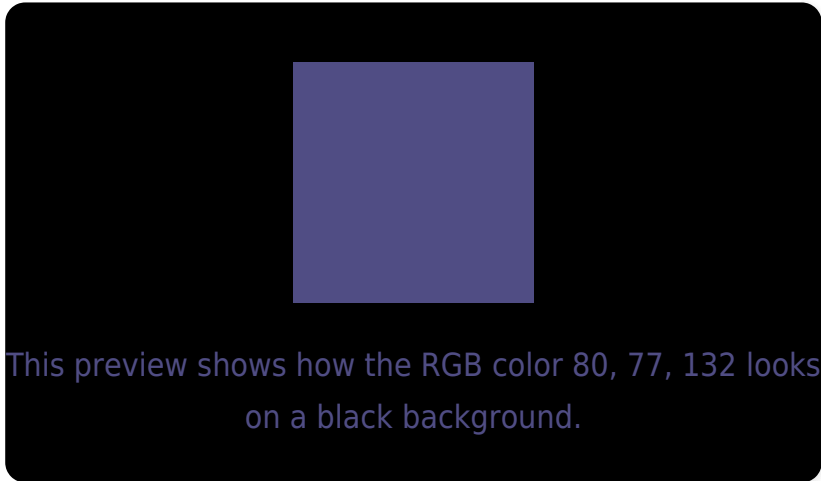
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

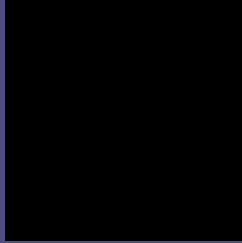
Any Text WCAG AA × Fail

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 80, 77, 132 Background



This preview shows how black text looks on a background with the RGB color 80, 77, 132.



This preview shows how white text looks on a background with the RGB color 80, 77, 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

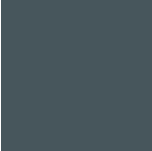
80, 77, 132

Protanopia

61, 81, 136

Deuteranopia

57, 83, 131



Tritanopia

71, 86, 92

Trichromacy



Original Color
80, 77, 132

Protanomaly
68, 80, 135

Deuteranomaly
65, 81, 131

Tritanomaly
74, 83, 107

Monochromacy



Original Color
80, 77, 132

Achromatopsia
84, 84, 84

Achromatomaly
83, 81, 101

CSS Examples

Text

The CSS property to change the color of the text to RGB 80, 77, 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(80, 77, 132) looks like.

```
.text, #text, p{  
    color:rgb(80, 77, 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(80, 77, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 77, 132) }
```

Border

The CSS property to change the border of an element to RGB 80, 77, 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(80, 77, 132) }
```

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

```
.border{ border-color:rgb(80, 77, 132) }
```

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

Here you see how a box with a 4 pixel rgb(80, 77, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 77, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 77, 132);  
box-shadow:4px 4px 4px 4px rgb(80, 77,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 80, 77, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 77, 132) }
```

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

```
.background{ background-color: rgb(80, 77,  
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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