Converting Colors

RGB(104, 79, 205)

Have a look what the booklet for RGB(104, 79, 205) contains.

Color

RGB(104, 79, 205)

Conversions

Conversions Part 1

Format	Color
Hex	684FCD
RGB	104, 79, 205
RGB Percent	41%, 31%, 80%
CMY	0.5922, 0.6902, 0.1961
CMYK	0.49, 0.61, 0.00, 0.20
HSL	252°, 56%, 56%
HSV	252°, 61%, 80%
XYZ	19.5243, 12.9428, 59.2268
YIQ	100.8390, -25.5460, 44.4860

Conversions

Conversions Part 2

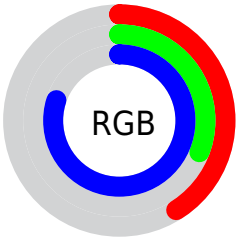
Format	Color
RYB	104, 79, 205
Decimal	6836173
CIELab	42.68, 42.10, -62.09
CIELCh	43, 75.021, 304.138
Yxy	12.9428, 0.2129, 0.1412
Android (android.graphics.Color)	4285026253 (0xFF684FCD)
YUV	100.8390, 51.3514, 2.7722
Hunter-Lab	35.9761, 33.9144, -72.4247

Details

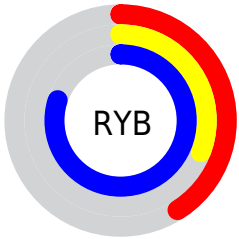
The RGB color 104, 79, 205 is a dark color, and the websafe version is hex 6666FF. The color can be described as dark muted purple. A complement of this color would be 180, 205, 79, and the grayscale version is 100, 100, 100.

A 20% lighter version of the original color is 162, 129, 255, and 41, 32, 150 is the 20% darker color. If you saturate the color by 10%, you get 88, 58, 205, and if you desaturate by 10%, it is 120, 100, 205.

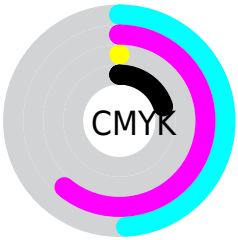
Distribution



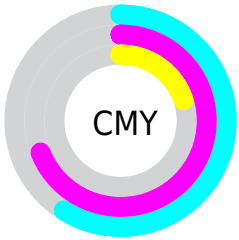
- Red (41%)
- Green (31%)
- Blue (80%)



- Red (41%)
- Yellow (31%)
- Blue (80%)



- Cyan (49%)
- Magenta (61%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (69%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 79, 205 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, 79, 205 by changing the saturation by 10% instead.

104, 79, 205

255, 255, 255

162, 129, 255

191, 156, 255

221, 183, 255

251, 211, 255

255, 239, 255

104, 79, 205

74, 55, 177

41, 32, 150

0, 9, 123

0, 0, 97

0, 0, 73

0, 4, 49

0, 1, 27

0, 0, 0

104, 79, 205

104, 79, 205

88, 58, 205

71, 38, 205

55, 17, 205

41, 0, 205

120, 100, 205

137, 120, 205

153, 140, 205

170, 161, 205

186, 182, 205

203, 202, 205

219, 223, 205

235, 243, 205

252, 255, 205

Harmonies

Analogous

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

0, 107, 227

104, 79, 205

179, 31, 156

Triad

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

104, 79, 205

164, 75, 0

0, 126, 108

Complementary

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

104, 79, 205

180, 205, 79

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.

0, 123, 41

104, 79, 205

116, 101, 0

Square

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

104, 79, 205

197, 31, 35

47, 116, 0

0, 126, 170

Rectangle

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

104, 79, 205

200, 0, 116

47, 116, 0

0, 125, 86

Sweetspot

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

104, 79, 205

218, 209, 255

79, 182, 205

105, 99, 128

0, 0, 0

128, 128, 128

Same Dimension

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

104, 79, 205

104, 66, 255

165, 79, 205

94, 92, 102

33, 0, 166

8, 0, 38

Inverse Universe

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

205, 79, 180

255, 66, 218

119, 205, 79

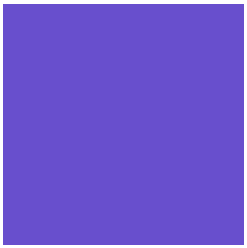
102, 92, 100

166, 0, 133

38, 0, 31

Previews

White Background

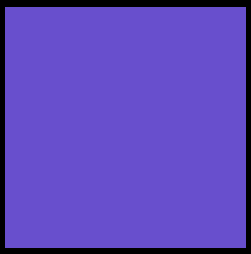


This preview shows how the RGB color 104, 79, 205 looks on a white background.

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



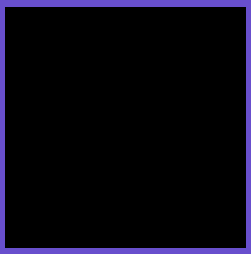
This preview shows how the RGB color 104, 79, 205 looks on a black background.

Color Contrast Check

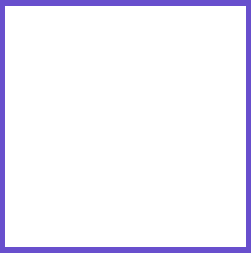
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 104, 79, 205 Background



This preview shows how black text looks on a background with the RGB color 104, 79, 205.

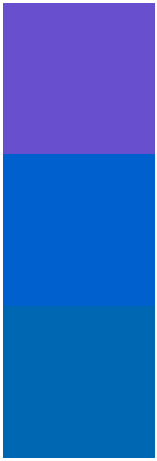


This preview shows how white text looks on a background with the RGB color 104, 79, 205.

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



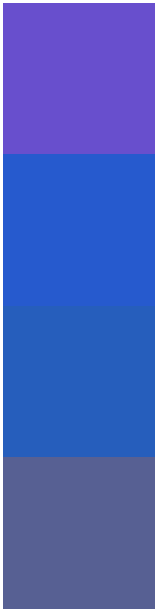
Original Color
104, 79, 205

Protanopia
0, 97, 206

Deuteranopia
0, 103, 179

Tritanopia
77, 105, 114

Trichromacy



Original Color
104, 79, 205

Protanomaly
38, 90, 206

Deuteranomaly
38, 94, 188

Tritanomaly
87, 96, 147

Monochromacy

Original Color
104, 79, 205

Achromatopsia
101, 101, 101

Achromatomaly
102, 93, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 79, 205 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, 79, 205) looks like.

```
.text, #text, p{
    color:rgb(104, 79, 205)
}
```

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, 79, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 79, 205) }
```

Border

The CSS property to change the border of an element to RGB 104, 79, 205 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, 79, 205) }
```

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

```
.border{ border-color:rgb(104, 79, 205) }
```

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

Here you see how a box with a 4 pixel rgb(104, 79, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 79, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 79, 205); box-shadow:4px 4px 4px 4px rgb(104, 79, 205) }
```

Background

The CSS property to change the background color of an element to RGB 104, 79, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(104, 79, 205) }
```

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

```
.background{ background-color:rgb(104, 79,
205) }
```

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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