Converting Colors

RGB(100, 82, 252)

Have a look what the booklet for RGB(100, 82, 252) contains.

Color

RGB(100, 82, 252)

Conversions

Conversions Part 1

Format	Color
Hex	6452FC
RGB	100, 82, 252
RGB Percent	39%, 32%, 99%
CMY	0.6078, 0.6784, 0.0118
CMYK	0.60, 0.67, 0.00, 0.01
HSL	246°, 97%, 65%
HSV	246°, 67%, 99%
XYZ	25.8435, 15.7722, 93.7777
YIQ	106.7620, -43.8420, 56.6860

Conversions

Conversions Part 2

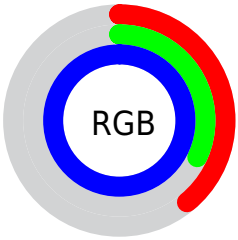
Format	Color
RYB	100, 82, 252
Decimal	6574844
CIELab	46.67, 53.78, -82.23
CIELCh	47, 98.251, 303.184
Yxy	15.7722, 0.1909, 0.1165
Android (android.graphics.Color)	4284764924 (0xFF6452FC)
YUV	106.7620, 71.6023, -5.9303
Hunter-Lab	39.7142, 46.6567, -112.2023

Details

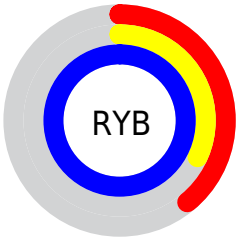
The RGB color 100, 82, 252 is a dark color, and the websafe version is hex 6666FF. The color can be described as middle muted purple. A complement of this color would be 234, 252, 82, and the grayscale version is 106, 106, 106.

A 20% lighter version of the original color is 164, 133, 255, and 0, 34, 194 is the 20% darker color. If you saturate the color by 10%, you get 77, 57, 252, and if you desaturate by 10%, it is 123, 107, 252.

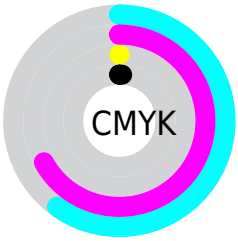
Distribution



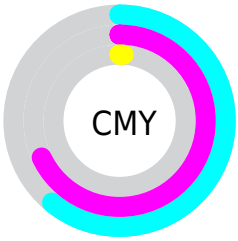
- Red (39%)
- Green (32%)
- Blue (99%)



- Red (39%)
- Yellow (32%)
- Blue (99%)



- Cyan (60%)
- Magenta (67%)
- Yellow (0%)
- Black (1%)



- Cyan (61%)
- Magenta (68%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 82, 252 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, 82, 252 by changing the saturation by 10% instead.

100, 82, 252

255, 255, 255

164, 133, 255

195, 160, 255

227, 187, 255

255, 215, 255

255, 244, 255

100, 82, 252

63, 58, 223

0, 34, 194

0, 9, 166

0, 0, 139

0, 0, 112

0, 12, 87

0, 6, 62

0, 3, 39

0, 1, 17

100, 82, 252

77, 57, 252

55, 32, 252

32, 6, 252

27, 0, 252

100, 82, 252

123, 107, 252

145, 132, 252

168, 158, 252

190, 183, 252

213, 208, 252

235, 233, 252

255, 255, 252

Harmonies

Analogous

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

0, 121, 255

100, 82, 252

210, 0, 187

Triad

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

100, 82, 252

191, 73, 0

0, 141, 118

Complementary

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

100, 82, 252

234, 252, 82

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, 138, 21

100, 82, 252

128, 111, 0

Square

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

100, 82, 252

234, 0, 24

20, 129, 0

0, 142, 200

Rectangle

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

100, 82, 252

239, 0, 133

20, 129, 0

0, 140, 89

Sweetspot

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

100, 82, 252

209, 204, 255

82, 235, 252

100, 97, 128

0, 0, 0

128, 128, 128

Same Dimension

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

100, 82, 252

70, 48, 255

184, 82, 252

114, 112, 125

20, 0, 189

6, 0, 61

Inverse Universe

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

252, 82, 234

255, 48, 233

150, 252, 82

125, 112, 124

189, 0, 169

61, 0, 55

Previews

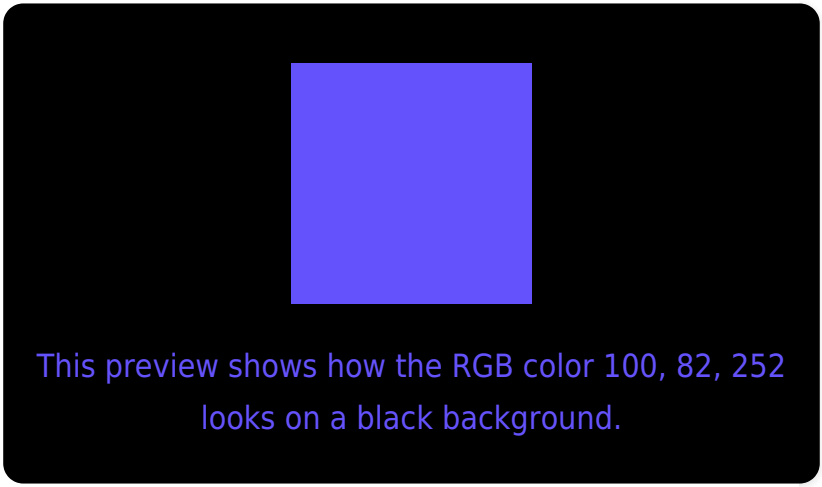
White Background

This preview shows how the RGB color 100, 82, 252 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



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, 82, 252 Background

This preview shows how black text looks on a background with the RGB color 100, 82, 252.

This preview shows how white text looks on a background with the RGB color 100, 82, 252.

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, 82, 252

Protanopia
0, 106, 224

Deuteranopia
0, 113, 192

Tritanopia
42, 120, 130

Trichromacy

Original Color
100, 82, 252

Protanomaly
36, 97, 234

Deuteranomaly
36, 102, 214

Tritanomaly
63, 106, 174

Monochromacy

Original Color
100, 82, 252

Achromatopsia
107, 107, 107

Achromatomaly
104, 98, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 82, 252 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, 82, 252) looks like.

```
.text, #text, p{
    color:rgb(100, 82, 252)
}
```

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, 82, 252) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(100, 82, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 82, 252) }
```

Border

The CSS property to change the border of an element to RGB 100, 82, 252 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, 82, 252) }
```

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

```
.border{ border-color:rgb(100, 82, 252) }
```

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

Here you see how a box with a 4 pixel rgb(100, 82, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 82, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 82, 252); box-shadow:4px 4px 4px 4px rgb(100, 82, 252) }
```

Background

The CSS property to change the background color of an element to RGB 100, 82, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(100, 82, 252) }
```

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

```
.background{ background-color:rgb(100, 82, 252) }
```

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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