

Converting Colors

RGB(107, 100, 253)

Have a look what the booklet for
RGB(107, 100, 253) contains.

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Color

RGB(107, 100, 253)

Conversions

Conversions Part 1

Format	Color
Hex	6B64FD
RGB	107, 100, 253
RGB Percent	42%, 39%, 99%
CMY	0.5804, 0.6078, 0.0078
CMYK	0.58, 0.60, 0.00, 0.01
HSL	243°, 97%, 69%
HSV	243°, 60%, 99%
XYZ	28.3502, 19.3320, 95.1657
YIQ	119.5350, -44.9410, 49.0670

Conversions

Conversions Part 2

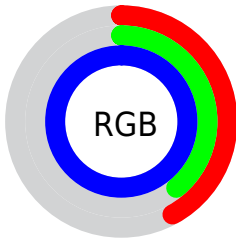
Format	Color
R _Y B	107, 100, 253
Decimal	7038205
CIE Lab	51.07, 44.96, -75.58
CIE LCh	51, 87.942, 300.750
Yxy	19.3320, 0.1985, 0.1353
Android (android.graphics.Color)	4285228285 (0xFF6B64FD)
YUV	119.5350, 65.7982, -10.9932
Hunter-Lab	43.9682, 38.1506, -97.5510

Details

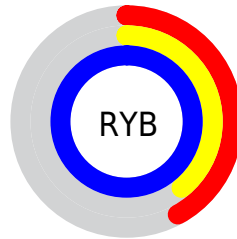
The RGB color **107, 100, 253** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **246, 253, 100**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **169, 151, 255**, and **27, 52, 195** is the 20% darker color. If you saturate the color by 10%, you get **83, 75, 253**, and if you desaturate by 10%, it is **131, 125, 253**.

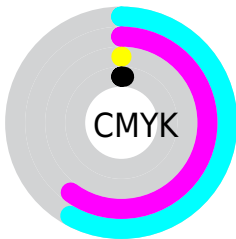
Distribution



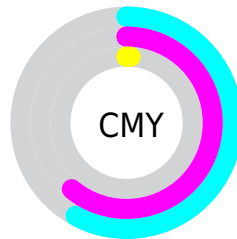
- Red (42%)
- Green (39%)
- Blue (99%)



- Red (42%)
- Yellow (39%)
- Blue (99%)



- Cyan (58%)
- Magenta (60%)
- Yellow (0%)
- Black (1%)



- Cyan (58%)
- Magenta (61%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 107, 100, 253 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, 100, 253 by changing the saturation by 10% instead.

 107, 100, 253

255, 255, 255

 169, 151, 255

 200, 178, 255

 231, 206, 255


 255, 234, 255


 107, 100, 253

 73, 76, 224

 27, 52, 195

 0, 30, 167

 0, 10, 140

 0, 0, 114

 0, 8, 88

 0, 7, 63

 0, 3, 41

 0, 1, 18

■ 107, 100, 253

■ 107, 100, 253

■ 83, 75, 253

■ 131, 125, 253

■ 59, 49, 253

■ 155, 151, 253

■ 35, 24, 253

■ 179, 176, 253

■ 12, 0, 253

■ 204, 201, 253

■ 228, 227, 253

■ 252, 252, 253

■ 255, 255, 253

Harmonies

Analogous

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



0, 132, 255



107, 100, 253



209, 43, 197

Triad

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



107, 100, 253



204, 86, 0



0, 151, 122

Complementary

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



107, 100, 253



246, 253, 100

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, 148, 39



107, 100, 253



147, 120, 0

Square

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



107, 100, 253



240, 21, 50



68, 138, 0



0, 152, 197

Rectangle

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



107, 100, 253



239, 0, 148



68, 138, 0



0, 151, 95

Sweetspot

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



107, 100, 253



211, 209, 255



100, 248, 253



101, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 100, 253



77, 69, 255



182, 100, 253



115, 115, 128



9, 0, 191



3, 0, 64

Inverse Universe

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



253, 100, 246



255, 69, 246



171, 253, 100



128, 115, 127



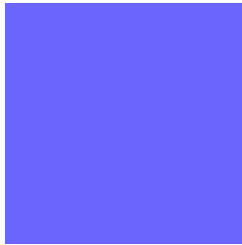
191, 0, 182



64, 0, 61

Previews

White Background



This preview shows how the RGB color 107, 100, 253 looks on a white background.

Color Contrast Check

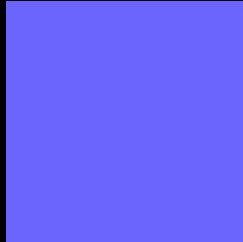
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 107, 100, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

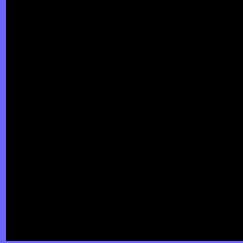
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 107, 100, 253 Background



This preview shows how black text looks on a background with the RGB color 107, 100, 253.

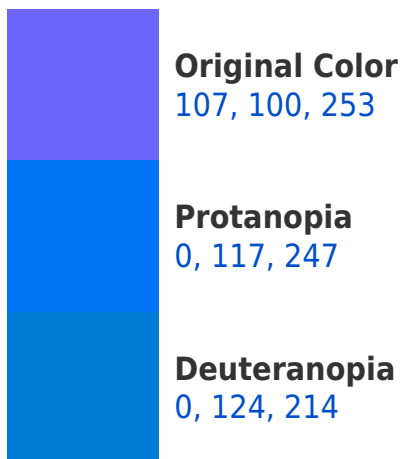



This preview shows how white text looks on a background with the RGB color 107, 100, 253.

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





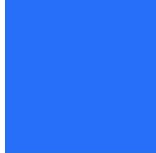
Tritanopia
62, 131, 142

Trichromacy



Original Color

107, 100, 253



Protanomaly

39, 111, 249



Deuteranomaly

39, 115, 228



Tritanomaly

78, 120, 182

Monochromacy



Original Color

107, 100, 253



Achromatopsia

120, 120, 120



Achromatomaly

115, 113, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 100, 253 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, 100, 253)` looks like.

```
.text, #text, p{  
    color:rgb(107, 100, 253)  
}
```

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, 100, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 100, 253) }
```

Border

The CSS property to change the border of an element to RGB 107, 100, 253 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, 100, 253) }
```

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

```
.border{ border-color:rgb(107, 100, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 100, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 100, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 100, 253);  
box-shadow:4px 4px 4px 4px rgb(107, 100,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 107, 100, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 100, 253) }
```

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

```
.background{ background-color: rgb(107,  
100, 253) }
```

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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