

Converting Colors

RGB(107, 37, 232)

Have a look what the booklet for
RGB(107, 37, 232) contains.

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Color

RGB(107, 37, 232)

Conversions

Conversions Part 1

Format	Color
Hex	6B25E8
RGB	107, 37, 232
RGB Percent	42%, 15%, 91%
CMY	0.5804, 0.8549, 0.0902
CMYK	0.54, 0.84, 0.00, 0.09
HSL	262°, 81%, 53%
HSV	262°, 84%, 91%
XYZ	21.2905, 10.2751, 77.2051
YIQ	80.1600, -20.8750, 75.4850

Conversions

Conversions Part 2

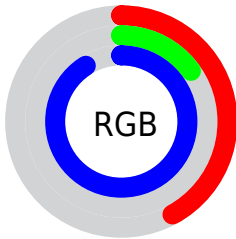
Format	Color
R_{YB}	107, 37, 232
Decimal	7022056
CIE _{Lab}	38.33, 69.47, -84.67
CIE _{LCh}	38, 109.521, 309.369
Yxy	10.2751, 0.1957, 0.0945
Android (android.graphics.Color)	4285212136 (0xFF6B25E8)
YUV	80.1600, 74.8571, 23.5387
Hunter-Lab	32.0548, 62.4617, -120.3634

Details

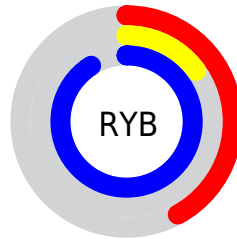
The RGB color **107, 37, 232** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **162, 232, 37**, and the grayscale version is **79, 79, 79**.

A 20% lighter version of the original color is **170, 94, 255**, and **28, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **92, 14, 232**, and if you desaturate by 10%, it is **122, 60, 232**.

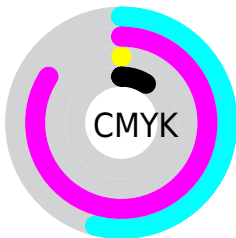
Distribution



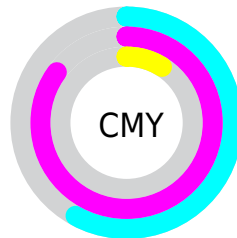
- Red (42%)
- Green (15%)
- Blue (91%)



- Red (42%)
- Yellow (15%)
- Blue (91%)



- Cyan (54%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)





















- Cyan (58%)
- Magenta (85%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 37, 232 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, 37, 232 by changing the saturation by 10% instead.

 107, 37, 232	 107, 37, 232
 255, 255, 255	 73, 0, 203
 170, 94, 255	 28, 0, 175
 201, 121, 255	 0, 0, 147
 232, 149, 255	 0, 0, 120
 255, 177, 255	 0, 0, 94
 255, 205, 255	 0, 8, 70
 255, 234, 255	 0, 4, 46
	 0, 1, 25
	 0, 0, 0

■ 107, 37, 232

■ 107, 37, 232

■ 92, 14, 232

■ 122, 60, 232

■ 83, 0, 232

■ 137, 83, 232

■ 152, 107, 232

■ 166, 130, 232

■ 181, 153, 232

■ 196, 176, 232

■ 211, 199, 232

■ 226, 223, 232

■ 241, 246, 232

Harmonies

Analogous

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



0, 98, 255



107, 37, 232



207, 0, 155

Triad

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



107, 37, 232



158, 59, 0



0, 119, 117

Complementary

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



107, 37, 232



162, 232, 37

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, 117, 13



107, 37, 232



85, 96, 0

Square

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



107, 37, 232



209, 0, 0



0, 111, 0



0, 121, 204

Rectangle

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



107, 37, 232



229, 0, 97



0, 111, 0



0, 119, 86

Sweetspot

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



107, 37, 232



214, 191, 255



37, 164, 232



103, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 37, 232



92, 0, 255



203, 37, 232



107, 103, 115



64, 0, 179



18, 0, 51

Inverse Universe

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



232, 37, 162



255, 0, 163



66, 232, 37



115, 103, 111



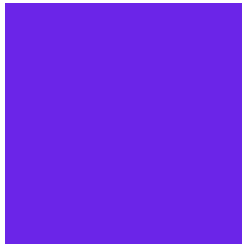
179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RGB color 107, 37, 232 looks on a white background.

Color Contrast Check

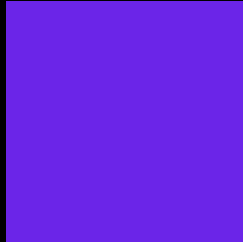
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

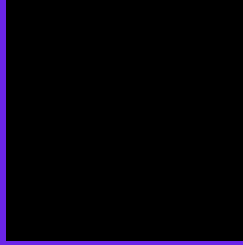
Any Text WCAG AA × Fail

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, 37, 232 Background



This preview shows how black text looks on a background with the RGB color 107, 37, 232.

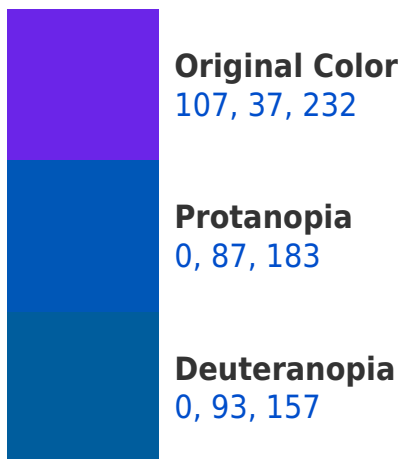


This preview shows how white text looks on a background with the RGB color 107, 37, 232.

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
64, 95, 103

Trichromacy



Original Color

107, 37, 232



Protanomaly

39, 69, 201



Deuteranomaly

39, 73, 184



Tritanomaly

80, 74, 150

Monochromacy



Original Color

107, 37, 232



Achromatopsia

80, 80, 80



Achromatomaly

90, 64, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 37, 232 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, 37, 232)` looks like.

```
.text, #text, p{  
    color:rgb(107, 37, 232)  
}
```

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, 37, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 37, 232) }
```

Border

The CSS property to change the border of an element to RGB 107, 37, 232 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, 37, 232) }
```

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

```
.border{ border-color:rgb(107, 37, 232) }
```

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

Here you see how a box with a 4 pixel rgb(107, 37, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 37, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 37, 232);  
box-shadow:4px 4px 4px 4px rgb(107, 37,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 107, 37, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 37, 232) }
```

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

```
.background{ background-color: rgb(107, 37,  
232) }
```

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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