

Converting Colors

RGB(120, 0, 223)

Have a look what the booklet for
RGB(120, 0, 223) contains.

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Color

RGB(120, 0, 223)

Conversions

Conversions Part 1

Format	Color
Hex	7800DF
RGB	120, 0, 223
RGB Percent	47%, 0%, 87%
CMY	0.5294, 1.0000, 0.1255
CMYK	0.46, 1.00, 0.00, 0.13
HSL	272°, 100%, 44%
HSV	272°, 100%, 87%
XYZ	21.0650, 9.3208, 70.5009
YIQ	61.3020, -0.0630, 94.7930

Conversions

Conversions Part 2

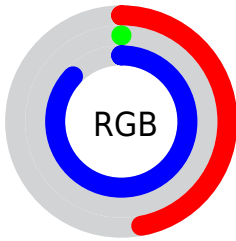
Format	Color
R_{YB}	120, 0, 223
Decimal	7864543
CIE _{Lab}	36.59, 75.88, -82.34
CIE _{LCh}	37, 111.976, 312.661
Yxy	9.3208, 0.2088, 0.0924
Android (android.graphics.Color)	4286054623 (0xFF7800DF)
YUV	61.3020, 79.7171, 51.4781
Hunter-Lab	30.5300, 69.7337, -115.5436

Details

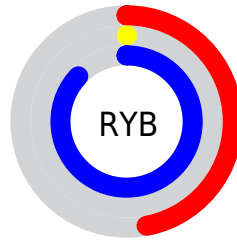
The RGB color **120, 0, 223** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **103, 223, 0**, and the grayscale version is **61, 61, 61**.

A 20% lighter version of the original color is **182, 79, 255**, and **53, 0, 166** is the 20% darker color. If you saturate the color by 10%, you get **120, 0, 223**, and if you desaturate by 10%, it is **130, 22, 223**.

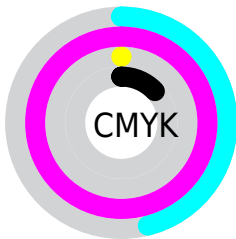
Distribution



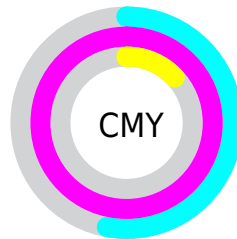
- Red (47%)
- Green (0%)
- Blue (87%)



- Red (47%)
- Yellow (0%)
- Blue (87%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)






















- Cyan (53%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 0, 223 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 120, 0, 223 by changing the saturation by 10% instead.

 120, 0, 223	 120, 0, 223
 255, 255, 255	 88, 0, 194
 182, 79, 255	 53, 0, 166
 212, 107, 255	 0, 0, 139
 243, 136, 255	 0, 0, 112
 255, 164, 255	 0, 0, 87
 255, 193, 255	 0, 6, 62
 255, 222, 255	 0, 3, 39
 255, 252, 255	 0, 1, 17
	 0, 0, 0

■ 120, 0, 223

■ 130, 22, 223

■ 141, 45, 223

■ 151, 67, 223

■ 161, 89, 223

■ 171, 112, 223

■ 182, 134, 223

■ 192, 156, 223

■ 202, 178, 223

■ 213, 201, 223

Harmonies

Analogous

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



0, 90, 255



120, 0, 223



210, 0, 142

Triad

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



120, 0, 223



147, 60, 0



0, 115, 124

Complementary

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



120, 0, 223



103, 223, 0

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, 112, 23



120, 0, 223



69, 95, 0

Square

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



120, 0, 223



201, 0, 0



0, 108, 0



0, 117, 210

Rectangle

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



120, 0, 223



227, 0, 83



0, 108, 0



0, 114, 93

Sweetspot

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



120, 0, 223



220, 179, 255



0, 104, 223



106, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 0, 223



137, 0, 255



223, 0, 216



107, 101, 112



95, 0, 176



26, 0, 48

Inverse Universe

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



223, 0, 103



255, 0, 118



0, 223, 7



112, 101, 106



176, 0, 81



48, 0, 22

Previews

White Background



This preview shows how the RGB color 120, 0, 223 looks on a white background.

Color Contrast Check

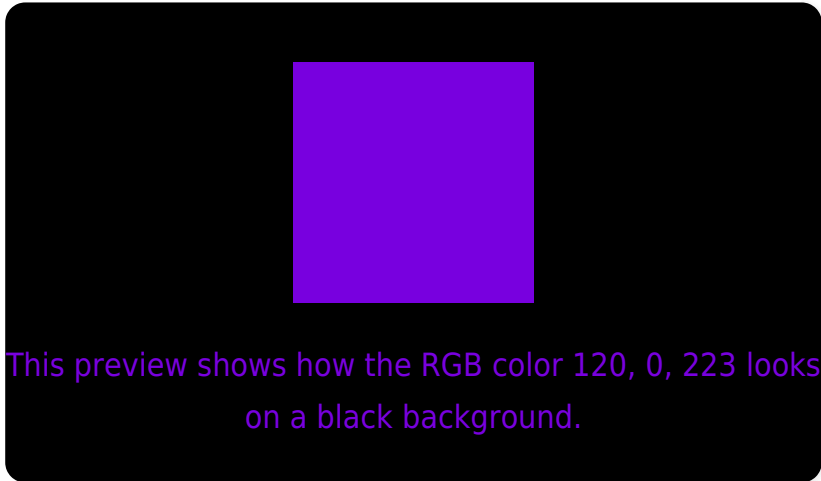
Large Text (above 18pt) WCAG AA ✓ Pass

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

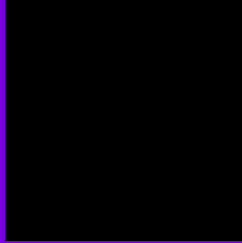
Any Text WCAG AA × Fail

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 120, 0, 223 Background



This preview shows how black text looks on a background with the RGB color 120, 0, 223.



This preview shows how white text looks on a background with the RGB color 120, 0, 223.

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


120, 0, 223

Protanopia

0, 85, 178

Deuteranopia

0, 90, 153



Tritanopia

88, 87, 94

Trichromacy



Original Color

120, 0, 223



Protanomaly

44, 54, 194



Deuteranomaly

44, 57, 178



Tritanomaly

100, 55, 141

Monochromacy



Original Color

120, 0, 223



Achromatopsia

61, 61, 61



Achromatomaly

82, 39, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 0, 223 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(120, 0, 223)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 223)  
}
```

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(120, 0, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 223) }
```

Border

The CSS property to change the border of an element to RGB 120, 0, 223 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(120, 0, 223) }
```

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

```
.border{ border-color:rgb(120, 0, 223) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 223);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 120, 0, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 223) }
```

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

```
.background{ background-color: rgb(120, 0,  
223) }
```

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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