

Converting Colors

RGB(77, 0, 241)

Have a look what the booklet for
RGB(77, 0, 241) contains.

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Color

RGB(77, 0, 241)

Conversions

Conversions Part 1

Format	Color
Hex	4D00F1
RGB	77, 0, 241
RGB Percent	30%, 0%, 95%
CMY	0.6980, 1.0000, 0.0549
CMYK	0.68, 1.00, 0.00, 0.05
HSL	259°, 100%, 47%
HSV	259°, 100%, 95%
XYZ	18.9378, 7.9287, 83.7513
YIQ	50.4970, -31.4690, 91.2750

Conversions

Conversions Part 2

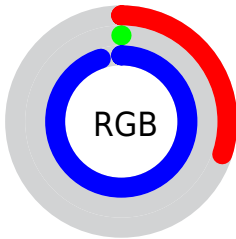
Format	Color
RYB	77, 0, 241
Decimal	5046513
CIELab	33.83, 77.23, -97.33
CIELCh	34, 124.248, 308.433
Yxy	7.9287, 0.1712, 0.0717
Android (android.graphics.Color)	4283236593 (0xFF4D00F1)
YUV	50.4970, 93.9180, 23.2431
Hunter-Lab	28.1579, 70.7750, -156.6387

Details

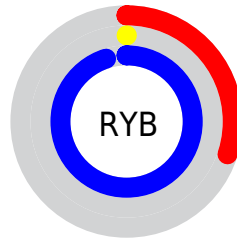
The RGB color **77, 0, 241** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **164, 241, 0**, and the grayscale version is **50, 50, 50**.

A 20% lighter version of the original color is **148, 74, 255**, and **0, 0, 183** is the 20% darker color. If you saturate the color by 10%, you get **77, 0, 241**, and if you desaturate by 10%, it is **93, 24, 241**.

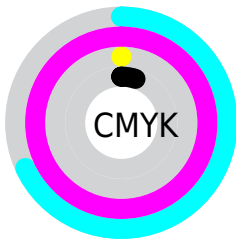
Distribution



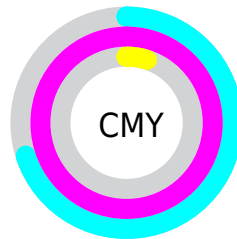
- Red (30%)
- Green (0%)
- Blue (95%)



- Red (30%)
- Yellow (0%)
- Blue (95%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)






















- Cyan (70%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 77, 0, 241 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 77, 0, 241 by changing the saturation by 10% instead.


 77, 0, 241	 77, 0, 241
 255, 255, 255	 21, 0, 212
 148, 74, 255	 0, 0, 183
 181, 102, 255	 0, 0, 155
 213, 130, 255	 0, 0, 128
 245, 158, 255	 0, 11, 102
 255, 187, 255	 0, 9, 76
 255, 216, 255	 0, 5, 53
 255, 245, 255	 0, 2, 31
	 0, 0, 1

 77, 0, 241


 93, 24, 241


 110, 48, 241


 126, 72, 241

 143, 96, 241

 159, 120, 241

 175, 145, 241

 192, 169, 241

 208, 193, 241

 225, 217, 241

Harmonies

Analogous

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



0, 92, 255



77, 0, 241



205, 0, 155

Triad

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



77, 0, 241



152, 37, 0



0, 108, 107

Complementary

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



77, 0, 241



164, 241, 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, 105, 0



77, 0, 241



72, 86, 0

Square

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



77, 0, 241



208, 0, 0



0, 101, 0



0, 112, 205

Rectangle

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



77, 0, 241



230, 0, 90



0, 101, 0



0, 107, 72

Sweetspot

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



77, 0, 241



203, 179, 255



0, 165, 241



96, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



77, 0, 241



81, 0, 255



197, 0, 241



112, 108, 120



59, 0, 184



18, 0, 56

Inverse Universe

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



241, 0, 164



255, 0, 174



44, 241, 0



120, 108, 116



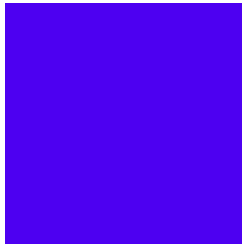
184, 0, 125



56, 0, 38

Previews

White Background



This preview shows how the RGB color 77, 0, 241 looks on a white background.

Color Contrast Check

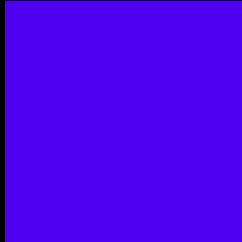
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 77, 0, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

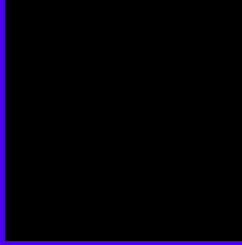
Any Text WCAG AA × Fail

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 77, 0, 241 Background



This preview shows how black text looks on a background with the RGB color 77, 0, 241.



This preview shows how white text looks on a background with the RGB color 77, 0, 241.

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


77, 0, 241

Protanopia

0, 78, 163

Deuteranopia

0, 83, 139



Tritanopia
0, 90, 95

Trichromacy



Original Color

77, 0, 241

Protanomaly

28, 50, 191

Deuteranomaly

28, 53, 176

Tritanomaly

28, 57, 148

Monochromacy



Original Color

77, 0, 241

Achromatopsia

50, 50, 50

Achromatomaly

60, 32, 119

CSS Examples

Text

The CSS property to change the color of the text to RGB 77, 0, 241 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(77, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 241)  
}
```

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(77, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 241) }
```

Border

The CSS property to change the border of an element to RGB 77, 0, 241 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(77, 0, 241) }
```

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

```
.border{ border-color:rgb(77, 0, 241) }
```

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

Here you see how a box with a 4 pixel rgb(77, 0, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(77, 0, 241)  
}
```

Background

The CSS property to change the background color of an element to RGB 77, 0, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 241) }
```

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

```
.background{ background-color: rgb(77, 0,  
241) }
```

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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