

Converting Colors

RGB(71, 27, 227)

Have a look what the booklet for
RGB(71, 27, 227) contains.

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Color

RGB(71, 27, 227)

Conversions

Conversions Part 1	
Format	Color
Hex	471BE3
RGB	71, 27, 227
RGB Percent	28%, 11%, 89%
CMY	0.7216, 0.8941, 0.1098
CMYK	0.69, 0.88, 0.00, 0.11
HSL	253°, 79%, 50%
HSV	253°, 88%, 89%
XYZ	16.8556, 7.6695, 73.2650
YIQ	62.9560, -37.9760, 71.5280

Conversions

Conversions Part 2

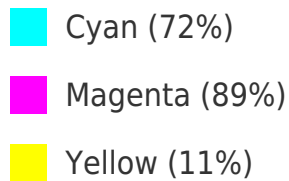
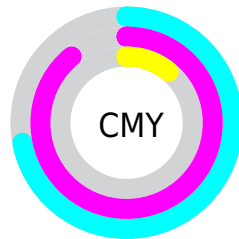
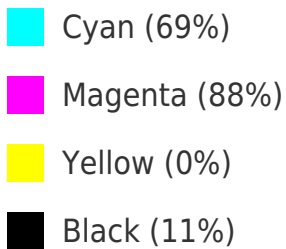
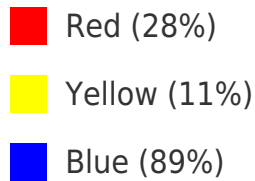
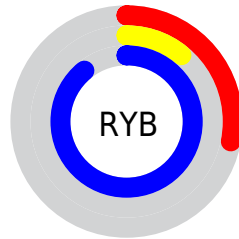
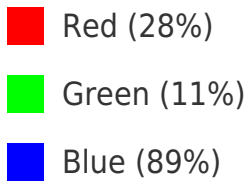
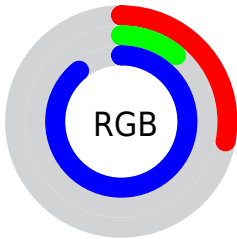
Format	Color
RYB	71, 27, 227
Decimal	4660195
CIELab	33.28, 68.48, -90.28
CIELCh	33, 113.315, 307.180
Yxy	7.6695, 0.1724, 0.0784
Android (android.graphics.Color)	4282850275 (0xFF471BE3)
YUV	62.9560, 80.8737, 7.0546
Hunter-Lab	27.6939, 60.1779, -137.4678

Details

The RGB color **71, 27, 227** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **183, 227, 27**, and the grayscale version is **62, 62, 62**.

A 20% lighter version of the original color is **141, 83, 255**, and **0, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **53, 4, 227**, and if you desaturate by 10%, it is **89, 50, 227**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 71, 27, 227 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 71, 27, 227 by changing the saturation by 10% instead.



71, 27, 227



71, 27, 227

255, 255, 255



13, 0, 198



141, 83, 255



0, 0, 170



173, 110, 255



0, 0, 142



204, 137, 255



0, 0, 116



236, 165, 255



0, 13, 90



255, 193, 255



0, 7, 65



255, 222, 255



0, 3, 42



255, 251, 255




0, 1, 20




0, 0, 0

 71, 27, 227

 71, 27, 227

 53, 4, 227


 89, 50, 227

 50, 0, 227

 106, 72, 227

 124, 95, 227

 142, 118, 227

 160, 140, 227

 177, 163, 227

 195, 186, 227

 213, 209, 227

 230, 231, 227

Harmonies

Analogous

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



0, 90, 255



71, 27, 227



191, 0, 150

Triad

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



71, 27, 227



148, 38, 0



0, 105, 99

Complementary

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



71, 27, 227



183, 227, 27

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, 103, 0



71, 27, 227



77, 83, 0

Square

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



71, 27, 227



198, 0, 0



0, 98, 0



0, 108, 188

Rectangle

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



71, 27, 227



215, 0, 91



0, 98, 0



0, 104, 67

Sweetspot

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



71, 27, 227



203, 189, 255



27, 184, 227



97, 88, 128



0, 0, 0



128, 128, 128

Same Dimension

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



71, 27, 227



56, 0, 255



170, 27, 227



106, 103, 115



39, 0, 179



11, 0, 51

Inverse Universe

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



227, 27, 183



255, 0, 199



84, 227, 27



115, 103, 112



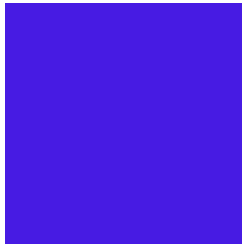
179, 0, 139



51, 0, 40

Previews

White Background



This preview shows how the RGB color 71, 27, 227 looks on a white background.

Color Contrast Check

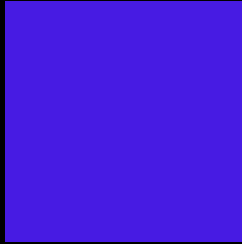
Large Text (above 18pt) WCAG AA ✓ Pass

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 71, 27, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

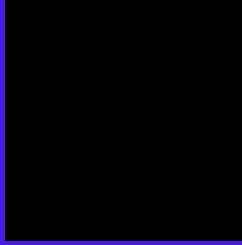
Any Text WCAG AA × Fail

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 71, 27, 227 Background



This preview shows how black text looks on a background with the RGB color 71, 27, 227.



This preview shows how white text looks on a background with the RGB color 71, 27, 227.

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

71, 27, 227

Protanopia

0, 76, 158

Deuteranopia

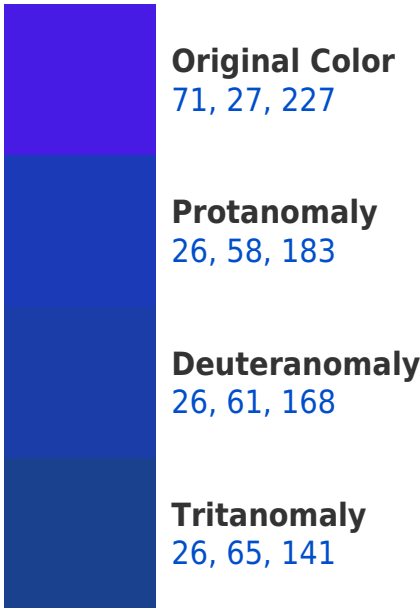
0, 81, 135



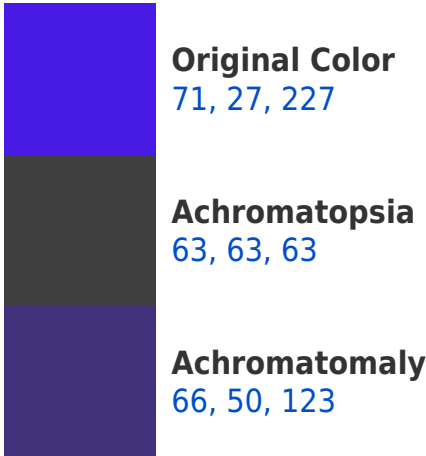
Tritanopia

0, 87, 92

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 27, 227 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(71, 27, 227) looks like.

```
.text, #text, p{  
    color:rgb(71, 27, 227)  
}
```

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(71, 27, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 27, 227) }
```

Border

The CSS property to change the border of an element to RGB 71, 27, 227 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(71, 27, 227) }
```

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

```
.border{ border-color:rgb(71, 27, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 27, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 27, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 27, 227);  
box-shadow:4px 4px 4px 4px rgb(71, 27,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 71, 27, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 27, 227) }
```

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

```
.background{ background-color: rgb(71, 27,  
227) }
```

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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