

Converting Colors

RGB(70, 36, 239)

Have a look what the booklet for
RGB(70, 36, 239) contains.

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Color

RGB(70, 36, 239)

Conversions

Conversions Part 1

Format	Color
Hex	4624EF
RGB	70, 36, 239
RGB Percent	27%, 14%, 94%
CMY	0.7255, 0.8588, 0.0627
CMYK	0.71, 0.85, 0.00, 0.06
HSL	250°, 86%, 54%
HSV	250°, 85%, 94%
XYZ	18.7367, 8.7958, 82.3716
YIQ	69.3080, -44.8990, 70.3410

Conversions

Conversions Part 2

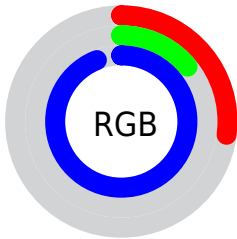
Format	Color
R _Y B	70, 36, 239
Decimal	4596975
CIE Lab	35.59, 68.63, -93.29
CIE LCh	36, 115.818, 306.342
Yxy	8.7958, 0.1705, 0.0800
Android (android.graphics.Color)	4282787055 (0xFF4624EF)
YUV	69.3080, 83.6582, 0.6069
Hunter-Lab	29.6578, 60.8684, -143.9117

Details

The RGB color **70, 36, 239** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **205, 239, 36**, and the grayscale version is **69, 69, 69**.

A 20% lighter version of the original color is **142, 90, 255**, and **0, 0, 181** is the 20% darker color. If you saturate the color by 10%, you get **50, 12, 239**, and if you desaturate by 10%, it is **90, 60, 239**.

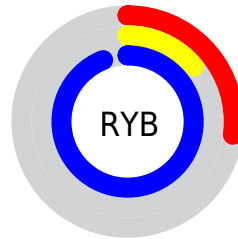
Distribution



Red (27%)

Green (14%)

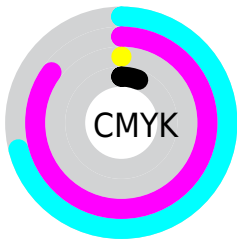
Blue (94%)



Red (27%)

Yellow (14%)

Blue (94%)

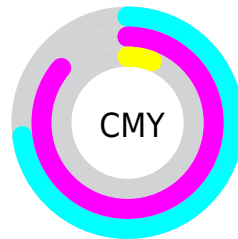


Cyan (71%)

Magenta (85%)

Yellow (0%)

Black (6%)



Cyan (73%)



















Magenta (86%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 36, 239 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 70, 36, 239 by changing the saturation by 10% instead.

 70, 36, 239	 70, 36, 239
 255, 255, 255	 0, 0, 210
 142, 90, 255	 0, 0, 181
 174, 117, 255	 0, 0, 153
 206, 144, 255	 0, 0, 126
 238, 172, 255	 0, 11, 100
 255, 200, 255	 0, 9, 75
 255, 229, 255	 0, 4, 51
	 0, 2, 29
	 0, 0, 0

■ 70, 36, 239

■ 70, 36, 239

■ 50, 12, 239

■ 90, 60, 239

■ 40, 0, 239

■ 110, 84, 239

■ 130, 108, 239

■ 150, 132, 239

■ 169, 155, 239

■ 189, 179, 239

■ 209, 203, 239

■ 229, 227, 239

■ 249, 251, 239

Harmonies

Analogous

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



0, 96, 255



70, 36, 239



199, 0, 161

Triad

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



70, 36, 239



158, 41, 0



0, 112, 102

Complementary

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



70, 36, 239



205, 239, 36

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, 109, 0



70, 36, 239



85, 88, 0

Square

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



70, 36, 239



209, 0, 0



0, 104, 0



0, 115, 195

Rectangle

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



70, 36, 239



225, 0, 100



0, 104, 0



0, 111, 70

Sweetspot

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



70, 36, 239



202, 191, 255



36, 205, 239



96, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



70, 36, 239



43, 0, 255



171, 36, 239



110, 108, 120



31, 0, 184



9, 0, 56

Inverse Universe

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



239, 36, 205



255, 0, 212



104, 239, 36



120, 108, 118



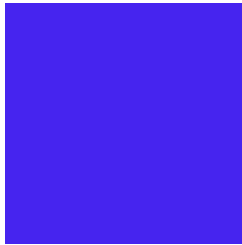
184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RGB color 70, 36, 239 looks on a white background.

Color Contrast Check

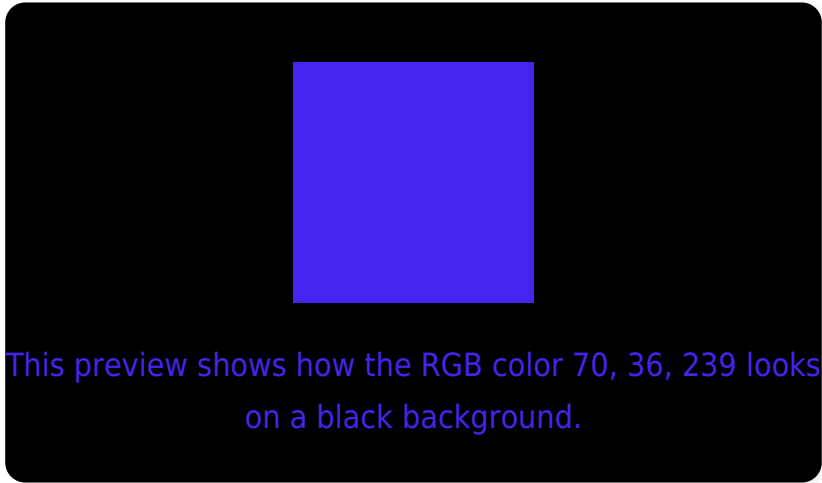
Large Text (above 18pt) WCAG AA ✓ Pass

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

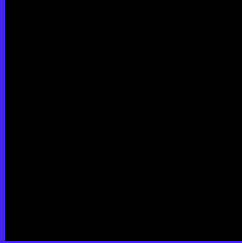
Any Text WCAG AA × Fail

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 70, 36, 239 Background



This preview shows how black text looks on a background with the RGB color 70, 36, 239.

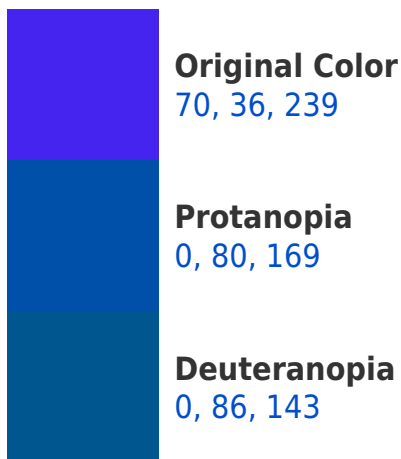



This preview shows how white text looks on a background with the RGB color 70, 36, 239.

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
0, 92, 98

Trichromacy



Original Color

70, 36, 239

Protanomaly

25, 64, 194

Deuteranomaly

25, 68, 178

Tritanomaly

25, 72, 149

Monochromacy



Original Color

70, 36, 239

Achromatopsia

69, 69, 69

Achromatomaly

69, 57, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 36, 239 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(70, 36, 239)` looks like.

```
.text, #text, p{  
    color:rgb(70, 36, 239)  
}
```

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(70, 36, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 36, 239) }
```

Border

The CSS property to change the border of an element to RGB 70, 36, 239 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(70, 36, 239) }
```

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

```
.border{ border-color:rgb(70, 36, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 36, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 36, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 36, 239);  
box-shadow:4px 4px 4px 4px rgb(70, 36,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 70, 36, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 36, 239) }
```

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

```
.background{ background-color: rgb(70, 36,  
239) }
```

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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