

Converting Colors

RGB(72, 41, 227)

Have a look what the booklet for
RGB(72, 41, 227) contains.

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Color

RGB(72, 41, 227)

Conversions

Conversions Part 1

Format	Color
Hex	4829E3
RGB	72, 41, 227
RGB Percent	28%, 16%, 89%
CMY	0.7176, 0.8392, 0.1098
CMYK	0.68, 0.82, 0.00, 0.11
HSL	250°, 77%, 53%
HSV	250°, 82%, 89%
XYZ	17.3306, 8.5096, 73.4021
YIQ	71.4730, -41.2300, 64.4180

Conversions

Conversions Part 2

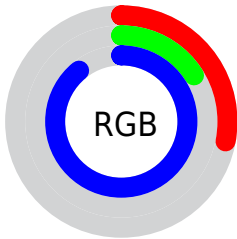
Format	Color
R _Y B	72, 41, 227
Decimal	4729315
CIE Lab	35.02, 63.60, -87.40
CIE LCh	35, 108.090, 306.045
Yxy	8.5096, 0.1746, 0.0857
Android (android.graphics.Color)	4282919395 (0xFF4829E3)
YUV	71.4730, 76.6748, 0.4622
Hunter-Lab	29.1713, 54.9964, -128.7683

Details

The RGB color **72, 41, 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 **196, 227, 41**, and the grayscale version is **71, 71, 71**.

A 20% lighter version of the original color is **141, 93, 255**, and **0, 0, 170** is the 20% darker color. If you saturate the color by 10%, you get **53, 18, 227**, and if you desaturate by 10%, it is **91, 64, 227**.

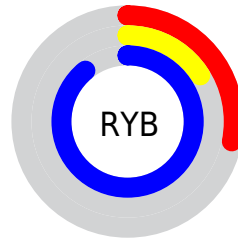
Distribution



Red (28%)

Green (16%)

Blue (89%)



Red (28%)

Yellow (16%)

Blue (89%)

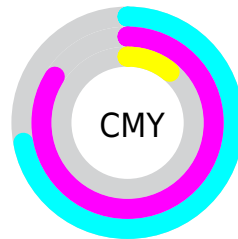


Cyan (68%)

Magenta (82%)

Yellow (0%)

Black (11%)



Cyan (72%)

Magenta (84%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 41, 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 72, 41, 227 by changing the saturation by 10% instead.



72, 41, 227



72, 41, 227

255, 255, 255



18, 10, 198



141, 93, 255



0, 0, 170



173, 120, 255



0, 0, 142



204, 147, 255



0, 0, 116



235, 174, 255



0, 13, 90



255, 202, 255



0, 7, 65



255, 231, 255



0, 3, 42



0, 1, 21



0, 0, 0

■ 72, 41, 227

■ 72, 41, 227

■ 53, 18, 227

■ 91, 64, 227

■ 38, 0, 227

■ 110, 86, 227

■ 129, 109, 227

■ 148, 132, 227

■ 167, 155, 227

■ 186, 177, 227

■ 204, 200, 227

■ 223, 223, 227

■ 242, 245, 227

Harmonies

Analogous

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



0, 93, 255



72, 41, 227



189, 0, 155

Triad

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



72, 41, 227



154, 43, 0



0, 110, 99

Complementary

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



72, 41, 227



196, 227, 41

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, 107, 0



72, 41, 227



86, 86, 0

Square

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



72, 41, 227



201, 0, 0



0, 101, 0



0, 112, 185

Rectangle

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



72, 41, 227



215, 0, 98



0, 101, 0



0, 109, 68

Sweetspot

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



72, 41, 227



202, 191, 255



41, 196, 227



96, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



72, 41, 227



47, 5, 255



165, 41, 227



105, 103, 115



30, 0, 179



9, 0, 51

Inverse Universe

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



227, 41, 196



255, 5, 213



103, 227, 41



115, 103, 113



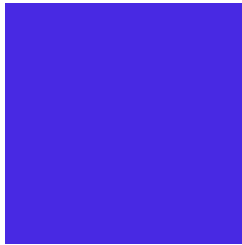
179, 0, 149



51, 0, 43

Previews

White Background



This preview shows how the RGB color 72, 41, 227 looks on a white background.

Color Contrast Check

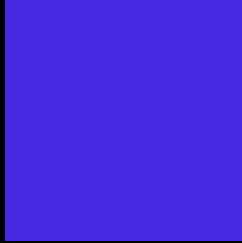
Large Text (above 18pt) WCAG AA ✓ Pass

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 72, 41, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

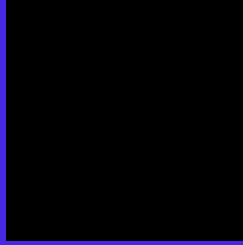
Any Text WCAG AA × Fail

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 72, 41, 227 Background



This preview shows how black text looks on a background with the RGB color 72, 41, 227.

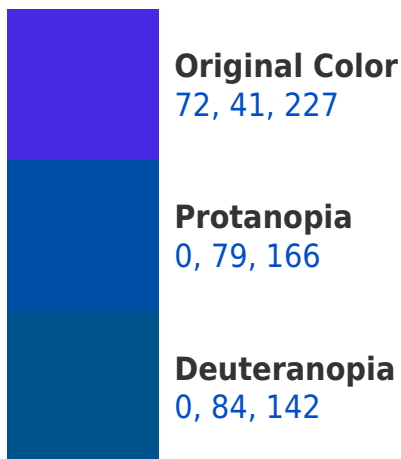


This preview shows how white text looks on a background with the RGB color 72, 41, 227.

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



Trichromacy



Original Color

72, 41, 227

Protanomaly

26, 65, 188

Deuteranomaly

26, 68, 173

Monochromacy



Original Color

72, 41, 227

Achromatopsia

71, 71, 71

Achromatomaly

71, 60, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 41, 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(72, 41, 227)` looks like.

```
.text, #text, p{  
    color:rgb(72, 41, 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(72, 41, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 41, 227) }
```

Border

The CSS property to change the border of an element to RGB 72, 41, 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(72, 41, 227) }
```

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

```
.border{ border-color:rgb(72, 41, 227) }
```

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

Here you see how a box with a 4 pixel rgb(72, 41, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 41, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 41, 227);  
box-shadow:4px 4px 4px 4px rgb(72, 41,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 72, 41, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 41, 227) }
```

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

```
.background{ background-color: rgb(72, 41,  
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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