

Converting Colors

RGB(72, 34, 196)

Have a look what the booklet for
RGB(72, 34, 196) contains.

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Color

RGB(72, 34, 196)

Conversions

Conversions Part 1

Format	Color
Hex	4822C4
RGB	72, 34, 196
RGB Percent	28%, 13%, 77%
CMY	0.7176, 0.8667, 0.2314
CMYK	0.63, 0.83, 0.00, 0.23
HSL	254°, 70%, 45%
HSV	254°, 83%, 77%
XYZ	13.2083, 6.5073, 52.7844
YIQ	63.8300, -29.3540, 58.4380

Conversions

Conversions Part 2

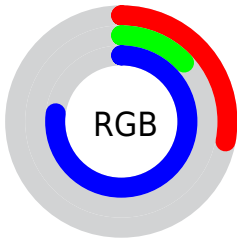
Format	Color
R _Y B	72, 34, 196
Decimal	4727492
CIE Lab	30.66, 57.87, -76.67
CIE LCh	31, 96.059, 307.047
Yxy	6.5073, 0.1822, 0.0898
Android (android.graphics.Color)	4282917572 (0xFF4822C4)
YUV	63.8300, 65.1598, 7.1651
Hunter-Lab	25.5094, 47.7827, -104.8272

Details

The RGB color **72, 34, 196** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **158, 196, 34**, and the grayscale version is **63, 63, 63**.

A 20% lighter version of the original color is **136, 86, 254**, and **0, 0, 141** is the 20% darker color. If you saturate the color by 10%, you get **57, 14, 196**, and if you desaturate by 10%, it is **87, 54, 196**.

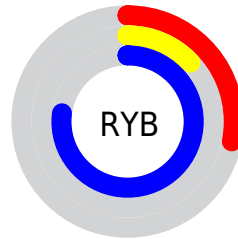
Distribution



Red (28%)

Green (13%)

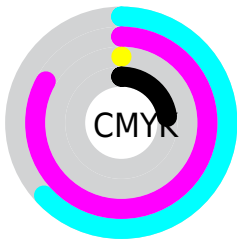
Blue (77%)



Red (28%)

Yellow (13%)

Blue (77%)

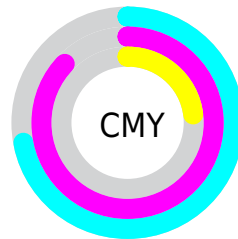


Cyan (63%)

Magenta (83%)

Yellow (0%)

Black (23%)



Cyan (72%)

Magenta (87%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 34, 196 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, 34, 196 by changing the saturation by 10% instead.



72, 34, 196



72, 34, 196

255, 255, 255



31, 2, 168



136, 86, 254



0, 0, 141



166, 112, 255



0, 0, 114



196, 138, 255



0, 0, 89



227, 166, 255



0, 7, 64



255, 194, 255



0, 3, 41



255, 222, 255



0, 1, 19



255, 251, 255



0, 0, 0



72, 34, 196



72, 34, 196

■ 57, 14, 196

■ 87, 54, 196

■ 46, 0, 196

■ 102, 73, 196

■ 117, 93, 196

■ 132, 112, 196

■ 147, 132, 196

■ 162, 152, 196

■ 177, 171, 196

■ 192, 191, 196

■ 207, 210, 196

Harmonies

Analogous

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



0, 81, 228



72, 34, 196



167, 0, 133

Triad

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



72, 34, 196



133, 41, 0



0, 96, 89

Complementary

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



72, 34, 196



158, 196, 34

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, 94, 0



72, 34, 196



73, 76, 0

Square

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



72, 34, 196



175, 0, 0



0, 89, 0



0, 98, 163

Rectangle

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



72, 34, 196



188, 0, 83



0, 89, 0



0, 96, 63

Sweetspot

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



72, 34, 196



206, 191, 255



34, 158, 196



98, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



72, 34, 196



62, 3, 255



153, 34, 196



89, 87, 97



38, 0, 161



8, 0, 33

Inverse Universe

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



196, 34, 158



255, 3, 196



77, 196, 34



97, 87, 95



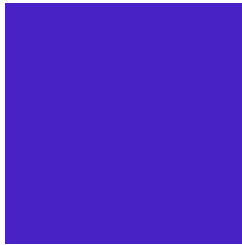
161, 0, 123



33, 0, 25

Previews

White Background



This preview shows how the RGB color 72, 34, 196 looks on a white background.

Color Contrast Check

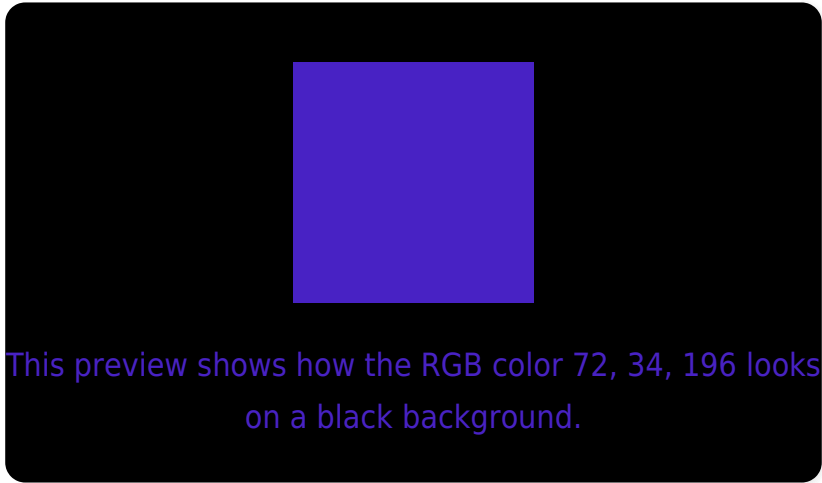
Large Text (above 18pt) WCAG AA ✓ Pass

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

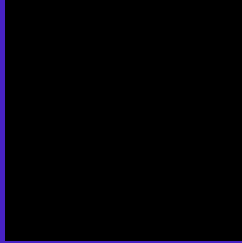
Any Text WCAG AA × Fail

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 72, 34, 196 Background



This preview shows how black text looks on a background with the RGB color 72, 34, 196.



This preview shows how white text looks on a background with the RGB color 72, 34, 196.

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


72, 34, 196

Protanopia

0, 70, 147

Deuteranopia

0, 75, 125



Tritanopia
0, 80, 86

Trichromacy



Original Color

72, 34, 196

Protanomaly

26, 57, 165

Deuteranomaly

26, 60, 151

Tritanomaly

26, 63, 126

Monochromacy



Original Color

72, 34, 196

Achromatopsia

64, 64, 64

Achromatomaly

67, 53, 112

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 34, 196 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, 34, 196)` looks like.

```
.text, #text, p{  
    color:rgb(72, 34, 196)  
}
```

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, 34, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 34, 196) }
```

Border

The CSS property to change the border of an element to RGB 72, 34, 196 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, 34, 196) }
```

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

```
.border{ border-color:rgb(72, 34, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 34, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 34, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 34, 196);  
box-shadow:4px 4px 4px 4px rgb(72, 34,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 72, 34, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 34, 196) }
```

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

```
.background{ background-color: rgb(72, 34,  
196) }
```

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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