

Converting Colors

RGB(68, 25, 243)

Have a look what the booklet for
RGB(68, 25, 243) contains.

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Color

RGB(68, 25, 243)

Conversions

Conversions Part 1

Format	Color
Hex	4419F3
RGB	68, 25, 243
RGB Percent	27%, 10%, 95%
CMY	0.7333, 0.9020, 0.0471
CMYK	0.72, 0.90, 0.00, 0.05
HSL	252°, 90%, 53%
HSV	252°, 90%, 95%
XYZ	18.9092, 8.3953, 85.4178
YIQ	62.7090, -44.3500, 76.9140

Conversions

Conversions Part 2

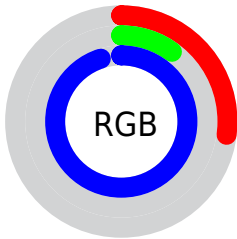
Format	Color
R _Y B	68, 25, 243
Decimal	4463091
CIE Lab	34.79, 72.95, -96.88
CIE LCh	35, 121.277, 306.980
Yxy	8.3953, 0.1678, 0.0745
Android (android.graphics.Color)	4282653171 (0xFF4419F3)
YUV	62.7090, 88.8835, 4.6402
Hunter-Lab	28.9746, 65.7858, -154.5062

Details

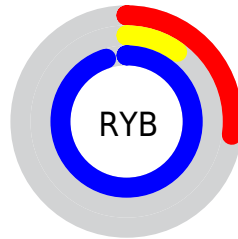
The RGB color **68, 25, 243** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **200, 243, 25**, and the grayscale version is **62, 62, 62**.

A 20% lighter version of the original color is **142, 83, 255**, and **0, 0, 185** is the 20% darker color. If you saturate the color by 10%, you get **48, 1, 243**, and if you desaturate by 10%, it is **88, 49, 243**.

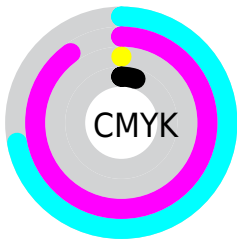
Distribution



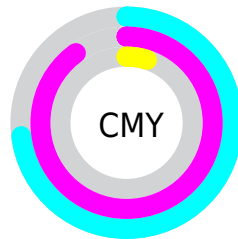
- Red (27%)
- Green (10%)
- Blue (95%)



- Red (27%)
- Yellow (10%)
- Blue (95%)



- Cyan (72%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)



- Cyan (73%)
- Magenta (90%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 25, 243 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 68, 25, 243 by changing the saturation by 10% instead.



68, 25, 243



68, 25, 243

255, 255, 255



0, 0, 214



142, 83, 255



0, 0, 185



175, 111, 255



0, 0, 157



207, 138, 255



0, 0, 130



239, 166, 255



0, 12, 103



255, 194, 255



0, 10, 78



255, 223, 255



0, 5, 54



255, 252, 255



0, 2, 32



0, 0, 4

■ 68, 25, 243

■ 68, 25, 243

■ 48, 1, 243

■ 88, 49, 243

■ 48, 0, 243

■ 107, 74, 243

■ 127, 98, 243

■ 146, 122, 243

■ 166, 146, 243

■ 185, 171, 243

■ 205, 195, 243

■ 224, 219, 243

■ 244, 244, 243

Harmonies

Analogous

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



0, 95, 255



68, 25, 243



203, 0, 160

Triad

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



68, 25, 243



157, 37, 0



0, 110, 104

Complementary

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



68, 25, 243



200, 243, 25

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, 108, 0



68, 25, 243



80, 87, 0

Square

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



68, 25, 243



210, 0, 0



0, 103, 0



0, 114, 200

Rectangle

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



68, 25, 243



229, 0, 97



0, 103, 0



0, 109, 69

Sweetspot

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



68, 25, 243



200, 186, 255



25, 203, 243



95, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



68, 25, 243



50, 0, 255



174, 25, 243



113, 110, 122



37, 0, 186



12, 0, 59

Inverse Universe

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



243, 25, 200



255, 0, 205



94, 243, 25



122, 110, 120



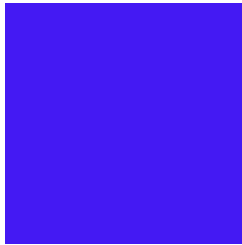
186, 0, 149



59, 0, 47

Previews

White Background



This preview shows how the RGB color 68, 25, 243 looks on a white background.

Color Contrast Check

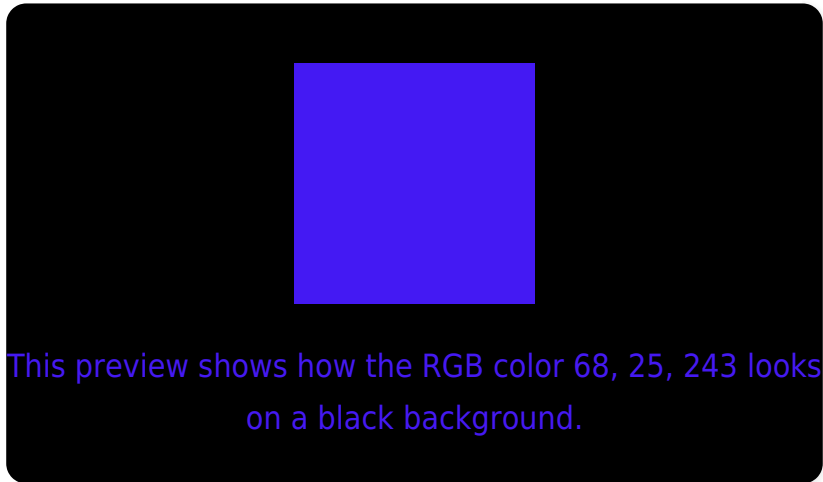
Large Text (above 18pt) WCAG AA ✓ Pass

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

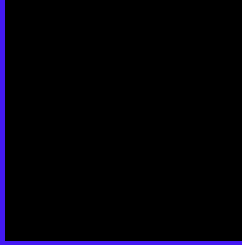
Any Text WCAG AA × Fail

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 68, 25, 243 Background



This preview shows how black text looks on a background with the RGB color 68, 25, 243.

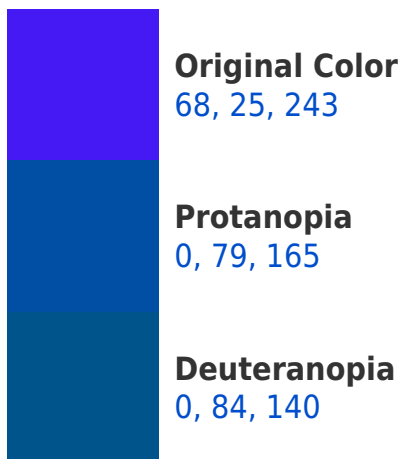



This preview shows how white text looks on a background with the RGB color 68, 25, 243.

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, 90, 96

Trichromacy



Original Color

68, 25, 243

Protanomaly

25, 59, 193

Deuteranomaly

25, 63, 177

Tritanomaly

25, 66, 149

Monochromacy



Original Color

68, 25, 243

Achromatopsia

63, 63, 63

Achromatomaly

65, 49, 128

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 25, 243 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(68, 25, 243)` looks like.

```
.text, #text, p{  
    color:rgb(68, 25, 243)  
}
```

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(68, 25, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 25, 243) }
```

Border

The CSS property to change the border of an element to RGB 68, 25, 243 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(68, 25, 243) }
```

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

```
.border{ border-color:rgb(68, 25, 243) }
```

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

Here you see how a box with a 4 pixel rgb(68, 25, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 25, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 25, 243);  
box-shadow:4px 4px 4px 4px rgb(68, 25,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 68, 25, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 25, 243) }
```

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

```
.background{ background-color: rgb(68, 25,  
243) }
```

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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