

Converting Colors

RGB(67, 33, 187)

Have a look what the booklet for
RGB(67, 33, 187) contains.

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Color

RGB(67, 33, 187)

Conversions

Conversions Part 1

Format	Color
Hex	4321BB
RGB	67, 33, 187
RGB Percent	26%, 13%, 73%
CMY	0.7373, 0.8706, 0.2667
CMYK	0.64, 0.82, 0.00, 0.27
HSL	253°, 70%, 43%
HSV	253°, 82%, 73%
XYZ	11.8282, 5.8689, 47.5231
YIQ	60.7220, -29.1700, 55.1020

Conversions

Conversions Part 2

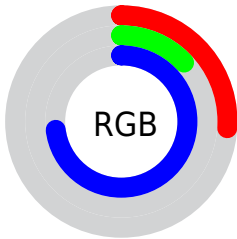
Format	Color
R_{YB}	67, 33, 187
Decimal	4399547
CIE _{Lab}	29.08, 55.32, -73.99
CIE _{LCh}	29, 92.383, 306.787
Yxy	5.8689, 0.1814, 0.0900
Android (android.graphics.Color)	4282589627 (0xFF4321BB)
YUV	60.7220, 62.2551, 5.5058
Hunter-Lab	24.2257, 44.7578, -99.3499

Details

The RGB color **67, 33, 187** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **153, 187, 33**, and the grayscale version is **60, 60, 60**.

A 20% lighter version of the original color is **130, 84, 244**, and **0, 0, 132** is the 20% darker color. If you saturate the color by 10%, you get **52, 14, 187**, and if you desaturate by 10%, it is **82, 52, 187**.

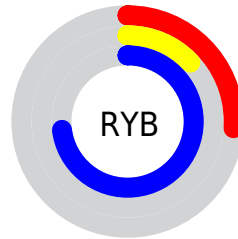
Distribution



Red (26%)

Green (13%)

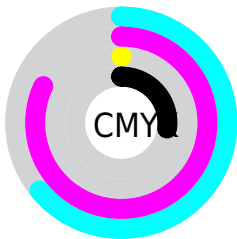
Blue (73%)



Red (26%)

Yellow (13%)

Blue (73%)

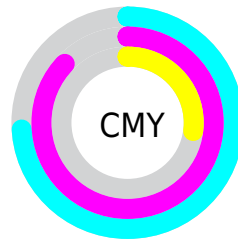


Cyan (64%)

Magenta (82%)

Yellow (0%)

Black (27%)



Cyan (74%)



















Magenta (87%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 67, 33, 187 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 67, 33, 187 by changing the saturation by 10% instead.

 67, 33, 187	 67, 33, 187
 255, 255, 255	 25, 2, 159
 130, 84, 244	 0, 0, 132
 160, 110, 255	 0, 0, 106
 190, 136, 255	 0, 4, 81
 221, 163, 255	 0, 5, 57
 251, 191, 255	 0, 2, 34
 255, 219, 255	 0, 0, 8
 255, 248, 255	 0, 0, 0

 67, 33, 187	 67, 33, 187
---	---

■ 52, 14, 187

■ 82, 52, 187

■ 41, 0, 187

■ 96, 70, 187

■ 111, 89, 187

■ 125, 108, 187

■ 140, 127, 187

■ 154, 145, 187

■ 169, 164, 187

■ 184, 183, 187

■ 198, 201, 187

Harmonies

Analogous

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



0, 77, 217



67, 33, 187



159, 0, 127

Triad

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



67, 33, 187



127, 38, 0



0, 92, 84

Complementary

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



67, 33, 187



153, 187, 33

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, 89, 0



67, 33, 187



70, 72, 0

Square

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



67, 33, 187



167, 0, 0



0, 85, 0



0, 93, 155

Rectangle

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



67, 33, 187



179, 0, 80



0, 85, 0



0, 91, 59

Sweetspot

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



67, 33, 187



195, 182, 242



33, 154, 187



94, 86, 122



250, 250, 250



122, 122, 122

Same Dimension

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



67, 33, 187



55, 2, 242



143, 33, 187



87, 85, 94



35, 0, 158



7, 0, 31

Inverse Universe

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



187, 33, 153



242, 2, 189



77, 187, 33



94, 85, 92



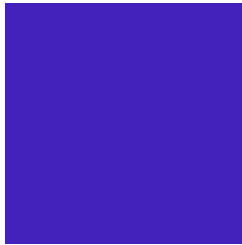
158, 0, 123



31, 0, 24

Previews

White Background



This preview shows how the RGB color 67, 33, 187 looks on a white background.

Color Contrast Check

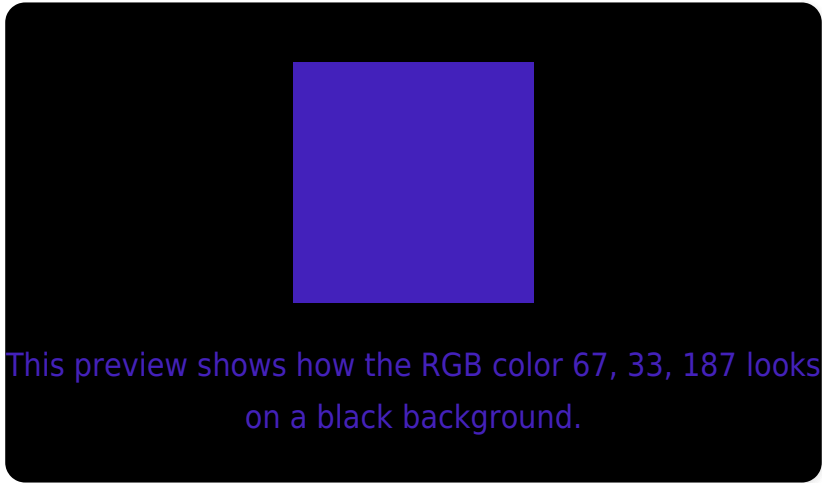
Large Text (above 18pt) WCAG AA ✓ Pass

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

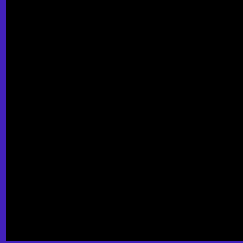
Any Text WCAG AA × Fail

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 67, 33, 187 Background



This preview shows how black text looks on a background with the RGB color 67, 33, 187.



This preview shows how white text looks on a background with the RGB color 67, 33, 187.

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


67, 33, 187

Protanopia

0, 66, 140

Deuteranopia

0, 71, 119



Tritanopia
0, 76, 82

Trichromacy



Original Color

67, 33, 187

Protanomaly

24, 54, 157

Deuteranomaly

24, 57, 144

Tritanomaly

24, 60, 120

Monochromacy



Original Color

67, 33, 187

Achromatopsia

61, 61, 61

Achromatomaly

63, 51, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 67, 33, 187 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(67, 33, 187)` looks like.

```
.text, #text, p{  
    color:rgb(67, 33, 187)  
}
```

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(67, 33, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 33, 187) }
```

Border

The CSS property to change the border of an element to RGB 67, 33, 187 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(67, 33, 187) }
```

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

```
.border{ border-color:rgb(67, 33, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 33, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 33, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 33, 187);  
box-shadow:4px 4px 4px 4px rgb(67, 33,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 67, 33, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 33, 187) }
```

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

```
.background{ background-color: rgb(67, 33,  
187) }
```

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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