Converting Colors

RGB(67, 29, 144)

Have a look what the booklet for RGB(67, 29, 144) contains.

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Color

RGB(67, 29, 144)

Conversions

Conversions Part 1

Format	Color
Hex	431D90
RGB	67, 29, 144
RGB Percent	26%, 11%, 56%
CMY	0.7373, 0.8863, 0.4353
CMYK	0.53, 0.80, 0.00, 0.44
HSL	260°, 66%, 34%
HSV	260°, 80%, 56%
XYZ	7.7881, 4.0856, 26.7637
YIQ	53.4720, -14.2670, 43.8210

Conversions

Conversions Part 2

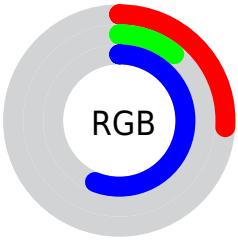
Format	Color
RYB	67, 29, 144
Decimal	4398480
CIELab	23.95, 44.96, -56.40
CIELCh	24, 72.128, 308.562
Yxy	4.0856, 0.2016, 0.1057
Android (android.graphics.Color)	4282588560 (0xFF431D90)
YUV	53.4720, 44.6303, 11.8641
Hunter-Lab	20.2130, 33.4042, -64.3559

Details

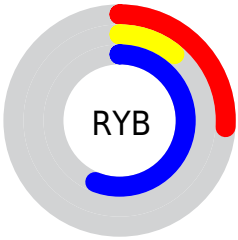
The RGB color 67, 29, 144 is a dark color, and the websafe version is hex 333399. A complement of this color would be 106, 144, 29, and the grayscale version is 53, 53, 53.

A 20% lighter version of the original color is 123, 78, 199, and 0, 0, 92 is the 20% darker color. If you saturate the color by 10%, you get 57, 15, 144, and if you desaturate by 10%, it is 77, 43, 144.

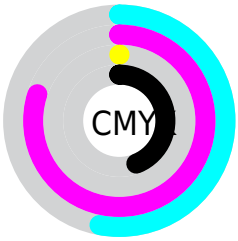
Distribution



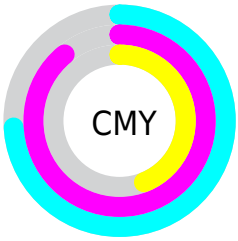
- Red (26%)
- Green (11%)
- Blue (56%)



- Red (26%)
- Yellow (11%)
- Blue (56%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 67, 29, 144 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, 29, 144 by changing the saturation by 10% instead.

67, 29, 144

255, 255, 255

123, 78, 199

151, 103, 227

180, 129, 255

209, 156, 255

238, 183, 255

255, 211, 255

255, 240, 255

67, 29, 144

36, 2, 118

0, 0, 92

0, 0, 68

0, 3, 44

0, 1, 23

0, 0, 0

67, 29, 144

67, 29, 144

57, 15, 144

48, 0, 144

48, 0, 144

77, 43, 144

86, 58, 144

96, 72, 144

106, 87, 144

115, 101, 144

125, 115, 144

134, 130, 144

144, 144, 144

154, 159, 144

Harmonies

Analogous

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

0, 61, 168

67, 29, 144

128, 0, 98

Triad

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

67, 29, 144

101, 38, 0

0, 76, 72

Complementary

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

67, 29, 144

106, 144, 29

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, 74, 11

67, 29, 144

57, 60, 0

Square

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

67, 29, 144

132, 0, 0

0, 70, 0

0, 77, 125

Rectangle

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

67, 29, 144

142, 0, 62

0, 70, 0

0, 75, 53

Sweetspot

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

67, 29, 144

156, 141, 186

29, 108, 144

76, 67, 94

222, 222, 222

94, 94, 94

Same Dimension

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

67, 29, 144

66, 7, 186

123, 29, 144

67, 64, 71

45, 0, 135

3, 0, 8

Inverse Universe

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

144, 29, 106

186, 7, 127

50, 144, 29

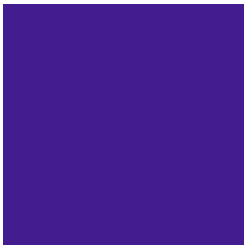
71, 64, 69

135, 0, 90

8, 0, 5

Previews

White Background

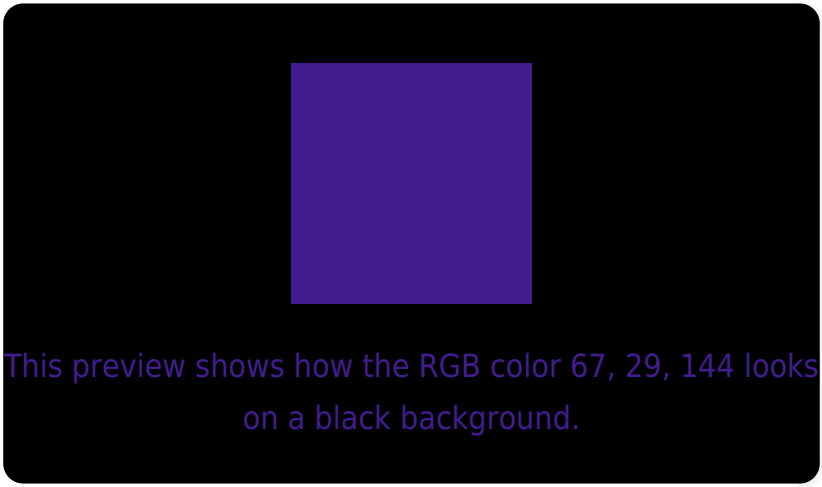


This preview shows how the RGB color 67, 29, 144 looks on a white background.

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, 29, 144 Background

This preview shows how black text looks on a background with the RGB color 67, 29, 144.

This preview shows how white text looks on a background with the RGB color 67, 29, 144.

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, 29, 144

Protanopia
0, 56, 117

Deuteranopia
0, 59, 101

Tritanopia
41, 61, 66

Trichromacy

Original Color
67, 29, 144

Protanomaly
24, 46, 127

Deuteranomaly
24, 48, 117

Tritanomaly
50, 49, 94

Monochromacy

Original Color
67, 29, 144

Achromatopsia
53, 53, 53

Achromatomaly
58, 44, 86

CSS Examples

Text

The CSS property to change the color of the text to RGB 67, 29, 144 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, 29, 144) looks like.

```
.text, #text, p{
    color:rgb(67, 29, 144)
}
```

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, 29, 144) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(67, 29, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 29, 144) }
```

Border

The CSS property to change the border of an element to RGB 67, 29, 144 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, 29, 144) }
```

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

```
.border{ border-color:rgb(67, 29, 144) }
```

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

Here you see how a box with a 4 pixel rgb(67, 29, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 29, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 29, 144); box-shadow:4px 4px 4px 4px rgb(67, 29, 144) }
```

Background

The CSS property to change the background color of an element to RGB 67, 29, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(67, 29, 144) }
```

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

```
.background{ background-color:rgb(67, 29, 144) }
```

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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