Converting Colors

RGB(27, 0, 111)

Have a look what the booklet for RGB(27, 0, 111) contains.

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Color

RGB(27, 0, 111)

Conversions

Conversions Part 1

Format	Color
Hex	1B006F
RGB	27, 0, 111
RGB Percent	11%, 0%, 44%
CMY	0.8941, 1.0000, 0.5647
CMYK	0.76, 1.00, 0.00, 0.56
HSL	255°, 100%, 22%
HSV	255°, 100%, 44%
XYZ	3.3212, 1.3807, 15.1304
YIQ	20.7270, -19.5390, 40.2450

Conversions

Conversions Part 2

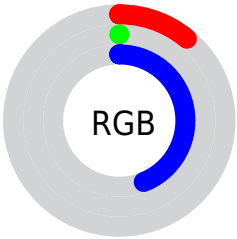
Format	Color
RYB	27, 0, 111
Decimal	1769583
CIELab	11.83, 43.51, -55.61
CIELCh	12, 70.612, 308.042
Yxy	1.3807, 0.1675, 0.0696
Android (android.graphics.Color)	4279959663 (0xFF1B006F)
YUV	20.7270, 44.5046, 5.5014
Hunter-Lab	11.7504, 29.8899, -68.1197

Details

The RGB color 27, 0, 111 is a dark color, and the websafe version is hex 000066. A complement of this color would be 84, 111, 0, and the grayscale version is 20, 20, 20.

A 20% lighter version of the original color is 88, 50, 164, and 0, 0, 62 is the 20% darker color. If you saturate the color by 10%, you get 27, 0, 111, and if you desaturate by 10%, it is 35, 11, 111.

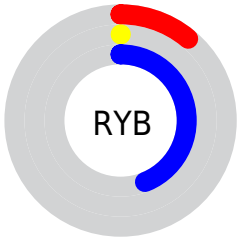
Distribution



Red (11%)

Green (0%)

Blue (44%)



Red (11%)

Yellow (0%)

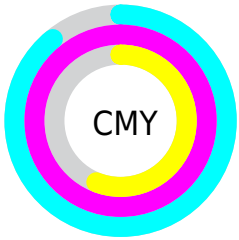
Blue (44%)

Cyan (76%)

Magenta (100%)

Yellow (0%)

Black (56%)



Cyan (89%)

Magenta (100%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 0, 111 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 27, 0, 111 by changing the saturation by 10% instead.

27, 0, 111

255, 235, 255

88, 50, 164

116, 74, 192

144, 99, 220

172, 125, 249

201, 151, 255

230, 178, 255

255, 206, 255

27, 0, 111

0, 0, 86

0, 0, 62

0, 3, 39

0, 1, 16

0, 0, 0

27, 0, 111

35, 11, 111

44, 22, 111

52, 33, 111

61, 44, 111

69, 56, 111

77, 67, 111

86, 78, 111

94, 89, 111

103, 100, 111

Harmonies

Analogous

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

0, 38, 133

27, 0, 111

92, 0, 69

Triad

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

27, 0, 111

67, 9, 0

0, 46, 44

Complementary

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

27, 0, 111

84, 111, 0

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, 45, 0

27, 0, 111

28, 34, 0

Square

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

27, 0, 111

94, 0, 0

0, 43, 0

0, 49, 92

Rectangle

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

27, 0, 111

105, 0, 37

0, 43, 0

0, 45, 27

Sweetspot

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

27, 0, 111

112, 102, 145

0, 85, 111

54, 47, 74

201, 201, 201

74, 74, 74

Same Dimension

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

27, 0, 111

35, 0, 145

81, 0, 111

52, 50, 56

29, 0, 120

60, 0, 247

Inverse Universe

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

111, 0, 84

145, 0, 110

30, 111, 0

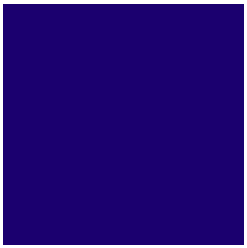
56, 50, 55

120, 0, 91

247, 0, 187

Previews

White Background

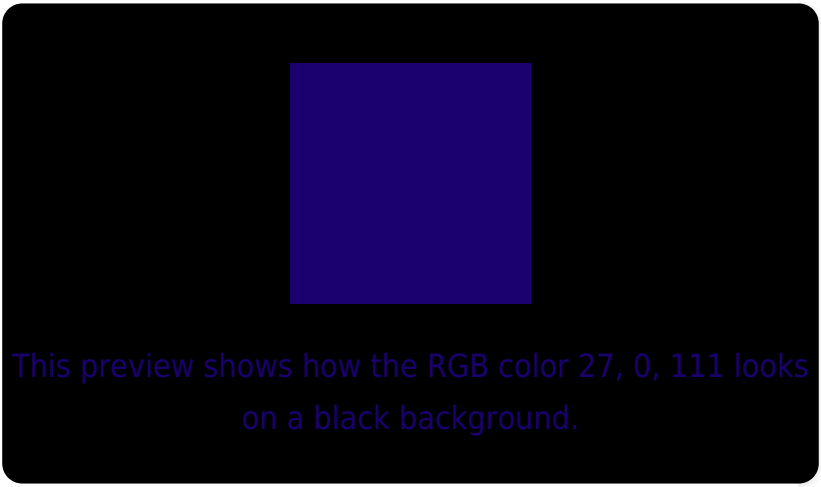


This preview shows how the RGB color 27, 0, 111 looks on a white background.

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

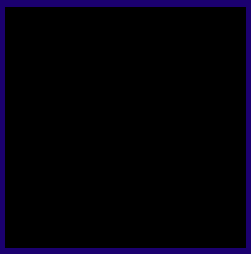


Color Contrast Check

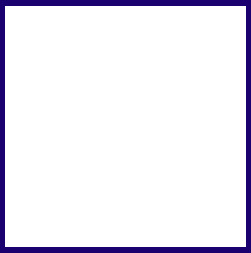
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 27, 0, 111 Background



This preview shows how black text looks on a background with the RGB color 27, 0, 111.



This preview shows how white text looks on a background with the RGB color 27, 0, 111.

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
27, 0, 111

Protanopia
0, 34, 72

Deuteranopia
0, 37, 61

Tritanopia
0, 40, 42

Trichromacy

Original Color
27, 0, 111

Protanomaly
10, 22, 86

Deuteranomaly
10, 24, 79

Tritanomaly
10, 25, 67

Monochromacy

Original Color
27, 0, 111

Achromatopsia
21, 21, 21

Achromatomaly
23, 13, 54

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 0, 111 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(27, 0, 111) looks like.

```
.text, #text, p{
    color:rgb(27, 0, 111)
}
```

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(27, 0, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 0, 111) }
```

Border

The CSS property to change the border of an element to RGB 27, 0, 111 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(27, 0, 111) }
```

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

```
.border{ border-color:rgb(27, 0, 111) }
```

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

Here you see how a box with a 4 pixel rgb(27, 0, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 0, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 0, 111); box-shadow:4px 4px 4px 4px rgb(27, 0, 111) }
```

Background

The CSS property to change the background color of an element to RGB 27, 0, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(27, 0, 111) }
```

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

```
.background{ background-color:rgb(27, 0,
111) }
```

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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