Converting Colors

RGB(71, 53, 100)

Have a look what the booklet for RGB(71, 53, 100) contains.

Color

RGB(71, 53, 100)

Conversions

Conversions Part 1

Format	Color
Hex	473564
RGB	71, 53, 100
RGB Percent	28%, 21%, 39%
CMY	0.7216, 0.7922, 0.6078
CMYK	0.29, 0.47, 0.00, 0.61
HSL	263°, 31%, 30%
HSV	263°, 47%, 39%
XYZ	6.1719, 4.8059, 12.6589
YIQ	63.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

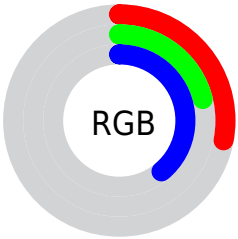
Format	Color
RYB	71, 53, 100
Decimal	4666724
CIELab	26.17, 19.18, -24.90
CIELCh	26, 31.431, 307.612
Yxy	4.8059, 0.2611, 0.2033
Android (android.graphics.Color)	4282856804 (0xFF473564)
YUV	63.7400, 17.8762, 6.3670
Hunter-Lab	21.9224, 11.8897, -18.8910

Details

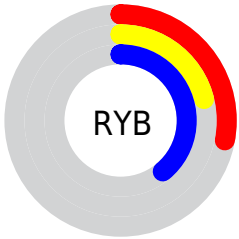
The RGB color 71, 53, 100 is a dark color, and the websafe version is hex 333366. A complement of this color would be 82, 100, 53, and the grayscale version is 64, 64, 64.

A 20% lighter version of the original color is 121, 100, 151, and 25, 10, 53 is the 20% darker color. If you saturate the color by 10%, you get 65, 43, 100, and if you desaturate by 10%, it is 77, 63, 100.

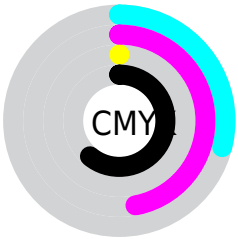
Distribution



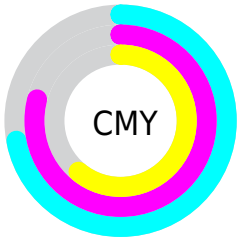
- Red (28%)
- Green (21%)
- Blue (39%)



- Red (28%)
- Yellow (21%)
- Blue (39%)



- Cyan (29%)
- Magenta (47%)
- Yellow (0%)
- Black (61%)



- Cyan (72%)
- Magenta (79%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 71, 53, 100 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 71, 53, 100 by changing the saturation by 10% instead.

71, 53, 100	71, 53, 100
255, 255, 255	47, 31, 76
121, 100, 151	25, 10, 53
147, 125, 178	0, 0, 31
174, 151, 206	0, 0, 3
202, 178, 234	0, 0, 0
230, 205, 255	
255, 234, 255	

71, 53, 100	71, 53, 100
65, 43, 100	77, 63, 100

59, 33, 100

52, 23, 100

46, 13, 100

40, 3, 100

38, 0, 100

83, 73, 100

90, 83, 100

96, 93, 100

102, 103, 100

108, 113, 100

114, 123, 100

120, 133, 100

127, 143, 100

Harmonies

Analogous

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

23, 63, 109

71, 53, 100

96, 43, 81

Triad

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

71, 53, 100

89, 54, 16

0, 73, 68

Complementary

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

71, 53, 100

82, 100, 53

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, 72, 43

71, 53, 100

69, 63, 10

Square

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

71, 53, 100

102, 45, 34

43, 69, 21

0, 73, 91

Rectangle

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

71, 53, 100

104, 40, 65

43, 69, 21

0, 73, 59

Sweetspot

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

71, 53, 100

119, 112, 130

53, 83, 100

59, 55, 66

194, 194, 194

66, 66, 66

Same Dimension

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

71, 53, 100

85, 57, 130

94, 53, 100

48, 46, 51

44, 0, 115

93, 0, 242

Inverse Universe

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

100, 53, 82

130, 57, 102

59, 100, 53

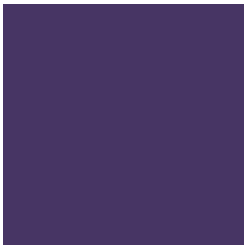
51, 46, 49

115, 0, 71

242, 0, 149

Previews

White Background

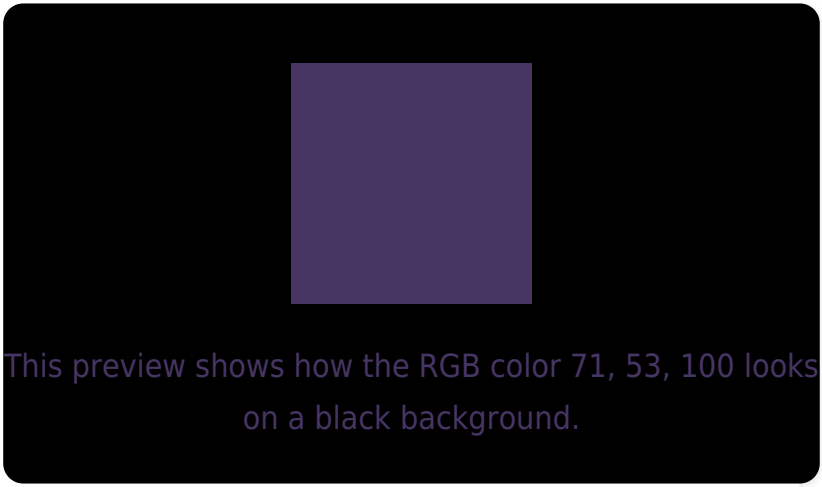


This preview shows how the RGB color 71, 53, 100 looks on a white background.

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

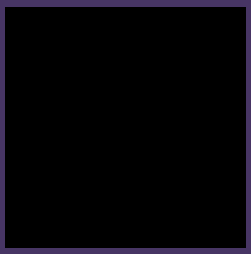


Color Contrast Check

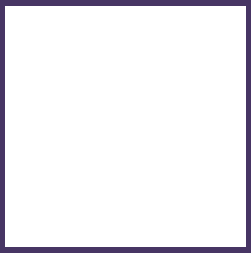
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 71, 53, 100 Background



This preview shows how black text looks on a background with the RGB color 71, 53, 100.



This preview shows how white text looks on a background with the RGB color 71, 53, 100.

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
71, 53, 100

Protanopia
42, 61, 107

Deuteranopia
42, 62, 98

Tritanopia
64, 61, 66

Trichromacy

Original Color
71, 53, 100

Protanomaly
53, 58, 104

Deuteranomaly
53, 59, 99

Tritanomaly
67, 58, 78

Monochromacy

Original Color
71, 53, 100

Achromatopsia
64, 64, 64

Achromatomaly
67, 60, 77

CSS Examples

Text

The CSS property to change the color of the text to RGB 71, 53, 100 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(71, 53, 100) looks like.

```
.text, #text, p{
    color:rgb(71, 53, 100)
}
```

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(71, 53, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 53, 100) }
```

Border

The CSS property to change the border of an element to RGB 71, 53, 100 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(71, 53, 100) }
```

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

```
.border{ border-color:rgb(71, 53, 100) }
```

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

Here you see how a box with a 4 pixel rgb(71, 53, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 53, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 53, 100); box-shadow:4px 4px 4px 4px rgb(71, 53, 100) }
```

Background

The CSS property to change the background color of an element to RGB 71, 53, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(71, 53, 100) }
```

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

```
.background{ background-color:rgb(71, 53,
100) }
```

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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