Converting Colors

RGB(72, 61, 139)

Have a look what the booklet for RGB(72, 61, 139) contains.

Color

RGB(72, 61, 139)

Conversions

Conversions Part 1

Format	Color
Hex	483D8B
RGB	72, 61, 139
RGB Percent	28%, 24%, 55%
CMY	0.7176, 0.7608, 0.4549
CMYK	0.48, 0.56, 0.00, 0.45
HSL	248°, 39%, 39%
HSV	248°, 56%, 55%
XYZ	9.0014, 6.5793, 25.2216
YIQ	73.1810, -18.4820, 26.5900

Conversions

Conversions Part 2

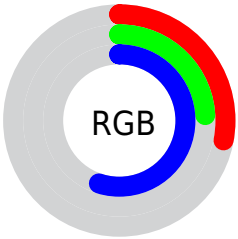
Format	Color
RYB	72, 61, 139
Decimal	4734347
CIELab	30.83, 26.06, -42.09
CIELCh	31, 49.503, 301.763
Yxy	6.5793, 0.2206, 0.1612
Android (android.graphics.Color)	4282924427 (0xFF483D8B)
YUV	73.1810, 32.4488, -1.0357
Hunter-Lab	25.6501, 17.7535, -40.3444

Details

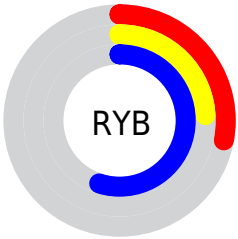
The RGB color 72, 61, 139 is a dark color, and the websafe version is hex 333399, and the color name is darkslateblue. A complement of this color would be 128, 139, 61, and the grayscale version is 73, 73, 73.

A 20% lighter version of the original color is 125, 109, 193, and 14, 18, 88 is the 20% darker color. If you saturate the color by 10%, you get 60, 47, 139, and if you desaturate by 10%, it is 84, 75, 139.

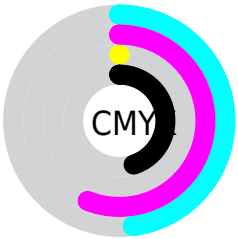
Distribution



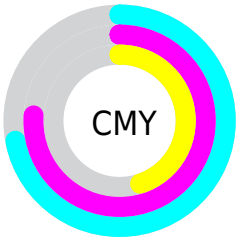
- Red (28%)
- Green (24%)
- Blue (55%)



- Red (28%)
- Yellow (24%)
- Blue (55%)



- Cyan (48%)
- Magenta (56%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (76%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 72, 61, 139 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 72, 61, 139 by changing the saturation by 10% instead.

72, 61, 139

255, 255, 255

125, 109, 193

152, 134, 221

180, 160, 250

209, 188, 255

237, 215, 255

255, 244, 255

72, 61, 139

45, 39, 113

14, 18, 88

0, 0, 64

0, 3, 41

0, 1, 19

0, 0, 0

72, 61, 139

60, 47, 139

72, 61, 139

84, 75, 139

48, 33, 139

36, 19, 139

24, 5, 139

20, 0, 139

96, 89, 139

108, 103, 139

120, 117, 139

132, 131, 139

144, 144, 139

156, 158, 139

168, 172, 139

179, 186, 139

Harmonies

Analogous

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

0, 77, 151

72, 61, 139

120, 40, 110

Triad

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

72, 61, 139

117, 56, 0

0, 89, 74

Complementary

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

72, 61, 139

128, 139, 61

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, 87, 33

72, 61, 139

87, 72, 0

Square

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

72, 61, 139

136, 36, 34

47, 82, 0

0, 89, 112

Rectangle

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

72, 61, 139

135, 27, 85

47, 82, 0

0, 89, 60

Sweetspot

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

72, 61, 139

155, 150, 181

61, 129, 139

76, 73, 92

219, 219, 219

92, 92, 92

Same Dimension

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

72, 61, 139

77, 60, 181

110, 61, 139

63, 62, 69

19, 0, 133

1, 0, 5

Inverse Universe

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

139, 61, 128

181, 60, 164

90, 139, 61

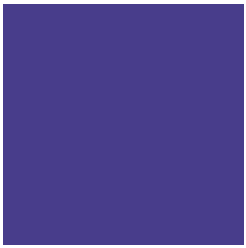
69, 62, 68

133, 0, 114

5, 0, 4

Previews

White Background

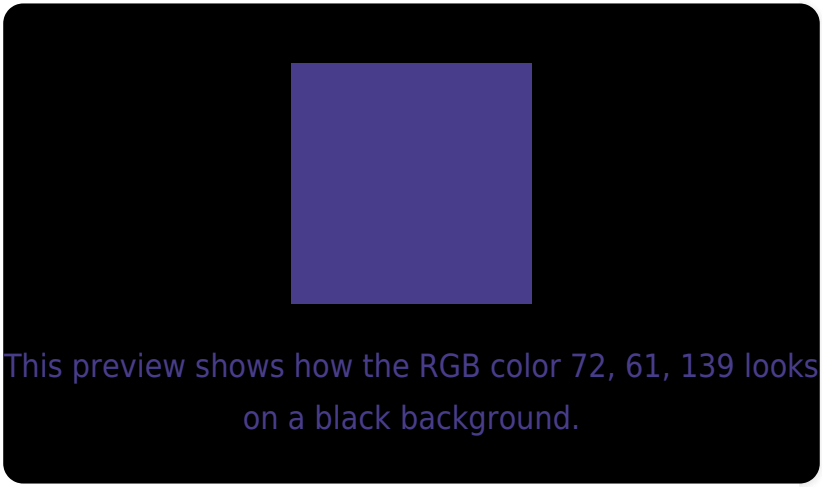


This preview shows how the RGB color 72, 61, 139 looks on a white background.

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 72, 61, 139 Background

This preview shows how black text looks on a background with the RGB color 72, 61, 139.

This preview shows how white text looks on a background with the RGB color 72, 61, 139.

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
72, 61, 139

Protanopia
6, 70, 149

Deuteranopia
0, 74, 130

Tritanopia
56, 76, 82

Trichromacy

Original Color
72, 61, 139

Protanomaly
30, 67, 145

Deuteranomaly
26, 69, 133

Tritanomaly
62, 71, 103

Monochromacy

Original Color
72, 61, 139

Achromatopsia
73, 73, 73

Achromatomaly
73, 69, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 72, 61, 139 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(72, 61, 139) looks like.

```
.text, #text, p{
    color:rgb(72, 61, 139)
}
```

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(72, 61, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 61, 139) }
```

Border

The CSS property to change the border of an element to RGB 72, 61, 139 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(72, 61, 139) }
```

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

```
.border{ border-color:rgb(72, 61, 139) }
```

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

Here you see how a box with a 4 pixel rgb(72, 61, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(72, 61, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(72, 61, 139); box-shadow:4px 4px 4px 4px rgb(72, 61, 139) }
```

Background

The CSS property to change the background color of an element to RGB 72, 61, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(72, 61, 139) }
```

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

```
.background{ background-color:rgb(72, 61, 139) }
```

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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