

Converting Colors

RGB(69, 53, 232)

Have a look what the booklet for
RGB(69, 53, 232) contains.

RGB(69, 53, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(69, 53, 232)

Conversions

Conversions Part 1

Format	Color
Hex	4535E8
RGB	69, 53, 232
RGB Percent	27%, 21%, 91%
CMY	0.7294, 0.7922, 0.0902
CMYK	0.70, 0.77, 0.00, 0.09
HSL	245°, 80%, 56%
HSV	245°, 77%, 91%
XYZ	18.2928, 9.6376, 77.2400
YIQ	78.1900, -47.9230, 59.0610

Conversions

Conversions Part 2

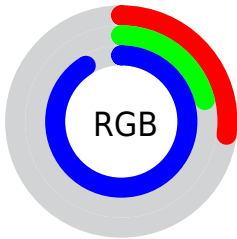
Format	Color
R _{YB}	69, 53, 232
Decimal	4535784
CIE Lab	37.18, 59.44, -86.67
CIE LCh	37, 105.097, 304.441
Yxy	9.6376, 0.1739, 0.0916
Android (android.graphics.Color)	4282725864 (0xFF4535E8)
YUV	78.1900, 75.8283, -8.0596
Hunter-Lab	31.0445, 50.8525, -125.7849

Details

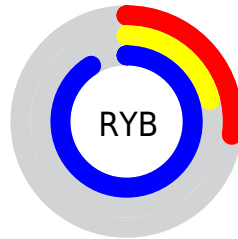
The RGB color **69, 53, 232** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **216, 232, 53**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **139, 104, 255**, and **0, 0, 175** is the 20% darker color. If you saturate the color by 10%, you get **48, 30, 232**, and if you desaturate by 10%, it is **90, 76, 232**.

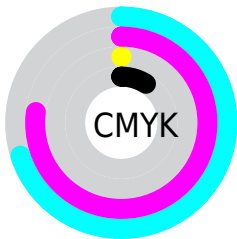
Distribution



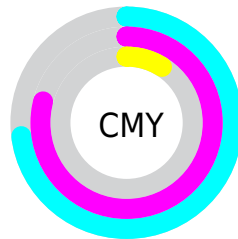
- Red (27%)
- Green (21%)
- Blue (91%)



- Red (27%)
- Yellow (21%)
- Blue (91%)



- Cyan (70%)
- Magenta (77%)
- Yellow (0%)
- Black (9%)





















- Cyan (73%)
- Magenta (79%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 53, 232 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 69, 53, 232 by changing the saturation by 10% instead.

 69, 53, 232	 69, 53, 232
 255, 255, 255	 6, 28, 203
 139, 104, 255	 0, 0, 175
 171, 130, 255	 0, 0, 147
 202, 157, 255	 0, 0, 120
 234, 184, 255	 0, 11, 94
 255, 212, 255	 0, 8, 70
 255, 241, 255	 0, 4, 46
	 0, 1, 25
	 0, 0, 0

■ 69, 53, 232

■ 69, 53, 232

■ 48, 30, 232

■ 90, 76, 232

■ 27, 7, 232

■ 111, 99, 232

■ 21, 0, 232

■ 132, 123, 232

■ 154, 146, 232

■ 175, 169, 232

■ 196, 192, 232

■ 217, 215, 232

■ 238, 239, 232

■ 255, 255, 232

Harmonies

Analogous

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



0, 99, 255



69, 53, 232



190, 0, 163

Triad

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



69, 53, 232



162, 47, 0



0, 115, 99

Complementary

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



69, 53, 232



216, 232, 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, 112, 0



69, 53, 232



96, 90, 0

Square

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



69, 53, 232



207, 0, 0



0, 106, 0



0, 117, 184

Rectangle

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



69, 53, 232



217, 0, 107



0, 106, 0



0, 114, 69

Sweetspot

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



69, 53, 232



202, 196, 255



53, 217, 232



95, 92, 128



0, 0, 0



128, 128, 128

Same Dimension

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



69, 53, 232



39, 18, 255



157, 53, 232



104, 103, 115



16, 0, 179



5, 0, 51

Inverse Universe

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



232, 53, 216



255, 18, 234



128, 232, 53



115, 103, 114



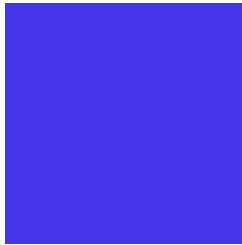
179, 0, 163



51, 0, 46

Previews

White Background



This preview shows how the RGB color 69, 53, 232 looks on a white background.

Color Contrast Check

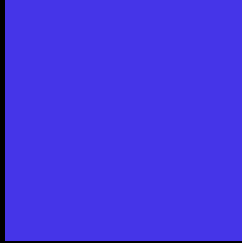
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 69, 53, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

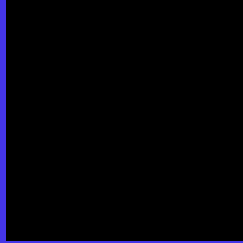
Any Text WCAG AA × Fail

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 69, 53, 232 Background



This preview shows how black text looks on a background with the RGB color 69, 53, 232.

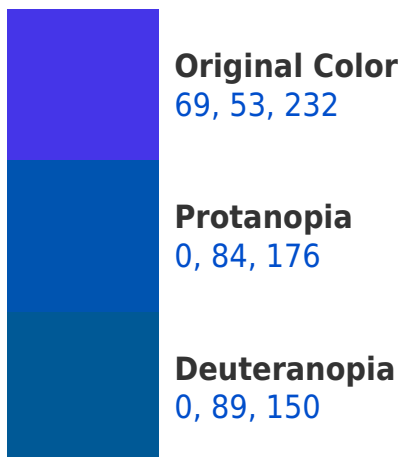


This preview shows how white text looks on a background with the RGB color 69, 53, 232.

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





Tritanopia
0, 96, 103

Trichromacy



Original Color
69, 53, 232

Protanomaly
25, 73, 196

Deuteranomaly
25, 76, 180

Tritanomaly
25, 80, 150

Monochromacy



Original Color
69, 53, 232

Achromatopsia
78, 78, 78

Achromatomaly
75, 69, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 53, 232 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(69, 53, 232) looks like.

```
.text, #text, p{  
    color:rgb(69, 53, 232)  
}
```

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(69, 53, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 53, 232) }
```

Border

The CSS property to change the border of an element to RGB 69, 53, 232 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(69, 53, 232) }
```

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

```
.border{ border-color:rgb(69, 53, 232) }
```

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

Here you see how a box with a 4 pixel rgb(69, 53, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 53, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 53, 232);  
box-shadow:4px 4px 4px 4px rgb(69, 53,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 69, 53, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 53, 232) }
```

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

```
.background{ background-color: rgb(69, 53,  
232) }
```

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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