

Converting Colors

`RYB(73, 67, 245)`

Have a look what the booklet for
RYB(73, 67, 245) contains.

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Color

R_YB(73, 67, 245)

Conversions

Conversions Part 1

Format	Color
Hex	4943F5
RGB	73, 67, 245
RGB Percent	29%, 26%, 96%
CMY	0.7137, 0.7373, 0.0392
CMYK	0.70, 0.73, 0.00, 0.04
HSL	242°, 90%, 61%
HSV	242°, 73%, 96%
XYZ	21.2362, 12.0233, 87.5877
YIQ	89.0860, -53.5620, 56.6300

Conversions

Conversions Part 2

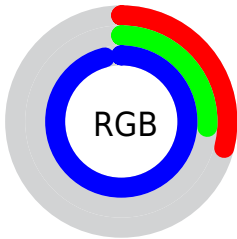
Format	Color
R _Y B	73, 67, 245
Decimal	4801525
CIE Lab	41.25, 56.62, -87.29
CIE LCh	41, 104.047, 302.968
Yxy	12.0233, 0.1757, 0.0995
Android (android.graphics.Color)	4282991605 (0xFF4943F5)
YUV	89.0860, 76.8656, -14.1074
Hunter-Lab	34.6747, 48.6401, -125.4932

Details

The RYB color **73, 67, 245** 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 **67, 245, 73**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **143, 117, 255**, and **0, 17, 187** is the 20% darker color. If you saturate the color by 10%, you get **49, 43, 245**, and if you desaturate by 10%, it is **97, 92, 245**.

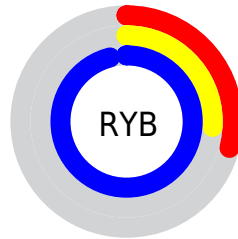
Distribution



Red (29%)

Green (26%)

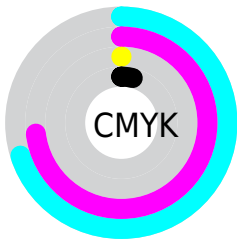
Blue (96%)



Red (29%)

Yellow (26%)

Blue (96%)

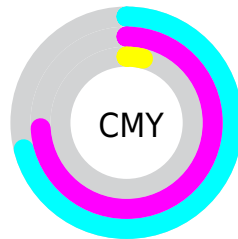


Cyan (70%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (74%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 73, 67, 245 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 RYB color 73, 67, 245 by changing the saturation by 10% instead.


 73, 67, 245

 73, 67, 245

255, 255, 255

 14, 39, 216

 143, 117, 255

 0, 17, 187

 175, 144, 255

 0, 0, 159

 207, 171, 255

 0, 0, 132

 239, 198, 255

 0, 4, 106

 255, 227, 255

 0, 9, 80

 0, 5, 56

 0, 2, 34


 0, 0, 8


 73, 67, 245

 73, 67, 245


 49, 43, 245


 97, 92, 245


 26, 18, 245

 120, 116, 245

 8, 0, 245

 144, 141, 245

 168, 165, 245

 191, 190, 245

 215, 214, 245

 239, 239, 245

 245, 255, 245

Harmonies

Analogous

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



0, 76, 255



73, 67, 245



198, 0, 177

Triad

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



73, 67, 245



177, 80, 0



0, 69, 126

Complementary

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



73, 67, 245



67, 245, 73

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, 123, 123



73, 67, 245



16, 112, 0

Square

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



73, 67, 245



222, 0, 7



0, 116, 116



0, 76, 190

Rectangle

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



73, 67, 245



228, 0, 121



0, 116, 116



0, 79, 126

Sweetspot

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



73, 67, 245



201, 199, 255



67, 154, 245



95, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



73, 67, 245



41, 33, 255



162, 67, 245



111, 110, 122



6, 0, 186



2, 0, 59

Inverse Universe

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



245, 67, 239



255, 33, 248



67, 245, 162



122, 110, 122



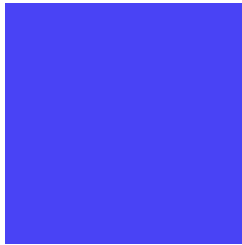
186, 0, 180



59, 0, 57

Previews

White Background



This preview shows how the RYB color 73, 67, 245 looks on a white background.

Color Contrast Check

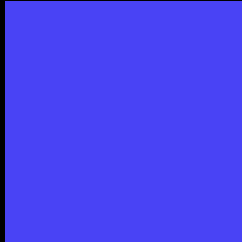
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 73, 67, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

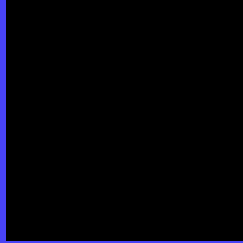
Any Text WCAG AA × Fail

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](#).

R Y B 73, 67, 245 Background



This preview shows how black text looks on a background with the R Y B color 73, 67, 245.

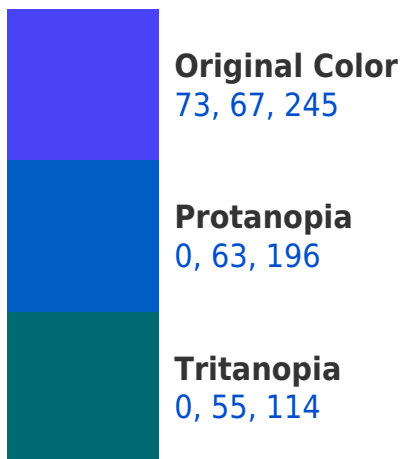


This preview shows how white text looks on a background with the R Y B color 73, 67, 245.

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



Trichromacy



Original Color
73, 67, 245

Protanomaly
27, 71, 214

Tritanomaly
27, 71, 162

Monochromacy



Original Color
73, 67, 245

Achromatopsia
89, 89, 89

Achromatomaly
83, 81, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 73, 67, 245 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(73, 67, 245)` looks like.

```
.text, #text, p{  
    color:rgb(73, 67, 245)  
}
```

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(73, 67, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 67, 245) }
```

Border

The CSS property to change the border of an element to RYB 73, 67, 245 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(73, 67, 245) }
```

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

```
.border{ border-color:rgb(73, 67, 245) }
```

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

Here you see how a box with a 4 pixel rgb(73, 67, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 67, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 67, 245);  
box-shadow:4px 4px 4px 4px rgb(73, 67,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 73, 67, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 67, 245) }
```

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

```
.background{ background-color: rgb(73, 67,  
245) }
```

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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