

Converting Colors

RGB(62, 67, 227)

Have a look what the booklet for
RGB(62, 67, 227) contains.

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Color

RGB(62, 67, 227)

Conversions

Conversions Part 1

Format	Color
Hex	3E43E3
RGB	62, 67, 227
RGB Percent	24%, 26%, 89%
CMY	0.7569, 0.7373, 0.1098
CMYK	0.73, 0.70, 0.00, 0.11
HSL	238°, 75%, 57%
HSV	238°, 73%, 89%
XYZ	17.8589, 10.5845, 73.7748
YIQ	83.7450, -54.3400, 48.7000

Conversions

Conversions Part 2

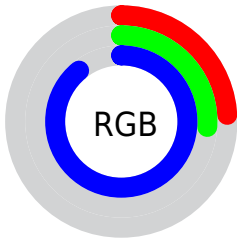
Format	Color
R _Y B	62, 67, 227
Decimal	4080611
CIE Lab	38.87, 49.86, -81.06
CIE LCh	39, 95.166, 301.599
Yxy	10.5845, 0.1747, 0.1035
Android (android.graphics.Color)	4282270691 (0xFF3E43E3)
YUV	83.7450, 70.6247, -19.0704
Hunter-Lab	32.5338, 41.0504, -111.6743

Details

The RGB color **62, 67, 227** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **227, 222, 62**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **132, 116, 255**, and **0, 22, 170** is the 20% darker color. If you saturate the color by 10%, you get **39, 45, 227**, and if you desaturate by 10%, it is **85, 89, 227**.

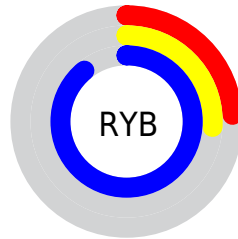
Distribution



Red (24%)

Green (26%)

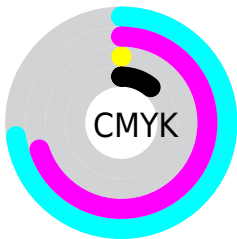
Blue (89%)



Red (24%)

Yellow (26%)

Blue (89%)

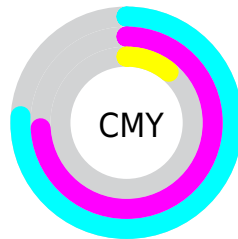


Cyan (73%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (76%)

















Magenta (74%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 62, 67, 227 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 62, 67, 227 by changing the saturation by 10% instead.

 62, 67, 227	 62, 67, 227
255, 255, 255	 0, 44, 198
 132, 116, 255	 0, 22, 170
 164, 142, 255	 0, 2, 143
 195, 169, 255	 0, 0, 116
 226, 197, 255	 0, 12, 90
 255, 225, 255	 0, 7, 66
255, 254, 255	 0, 3, 43
	 0, 1, 21
	 0, 0, 0

■ 62, 67, 227

■ 62, 67, 227

■ 39, 45, 227

■ 85, 89, 227

■ 17, 23, 227

■ 107, 111, 227

■ 0, 7, 227

■ 130, 133, 227

■ 153, 155, 227

■ 176, 177, 227

■ 198, 199, 227

■ 221, 221, 227

■ 244, 243, 227

■ 255, 255, 227

Harmonies

Analogous

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



0, 103, 251



62, 67, 227



181, 0, 167

Triad

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



62, 67, 227



167, 51, 0



0, 119, 94

Complementary

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



62, 67, 227



227, 222, 62

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, 115, 0



62, 67, 227



109, 91, 0

Square

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



62, 67, 227



206, 0, 15



0, 108, 0



0, 120, 172

Rectangle

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



62, 67, 227



210, 0, 117



0, 108, 0



0, 118, 66

Sweetspot

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



62, 67, 227



199, 201, 255



62, 227, 222



94, 95, 128



0, 0, 0



128, 128, 128

Same Dimension

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



62, 67, 227



33, 40, 255



139, 62, 227



103, 104, 115



0, 5, 179



0, 2, 51

Inverse Universe

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



227, 62, 67



255, 33, 40



150, 227, 62



115, 103, 104



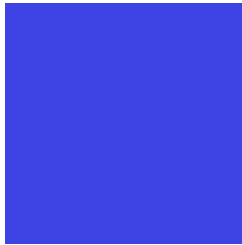
179, 0, 5



51, 0, 2

Previews

White Background



This preview shows how the RGB color 62, 67, 227 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 RGB color 62, 67, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

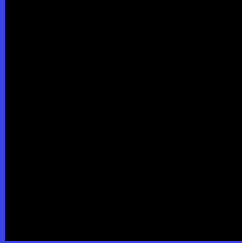
Any Text WCAG AA × Fail

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](#).

RGB 62, 67, 227 Background



This preview shows how black text looks on a background with the RGB color 62, 67, 227.

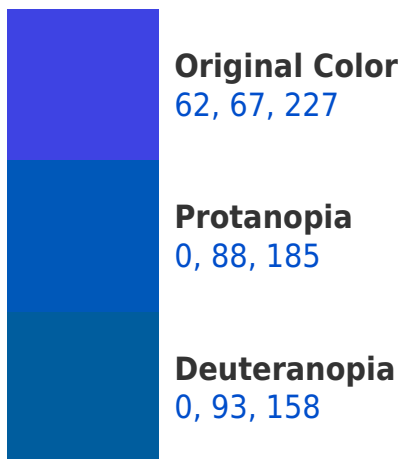


This preview shows how white text looks on a background with the RGB color 62, 67, 227.

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, 101, 107

Trichromacy



Original Color

62, 67, 227

Protanomaly

23, 80, 200

Deuteranomaly

23, 84, 183

Tritanomaly

23, 89, 151

Monochromacy



Original Color

62, 67, 227

Achromatopsia

84, 84, 84

Achromatomaly

76, 78, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 62, 67, 227 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(62, 67, 227)` looks like.

```
.text, #text, p{  
    color:rgb(62, 67, 227)  
}
```

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(62, 67, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 67, 227) }
```

Border

The CSS property to change the border of an element to RGB 62, 67, 227 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(62, 67, 227) }
```

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

```
.border{ border-color:rgb(62, 67, 227) }
```

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

Here you see how a box with a 4 pixel rgb(62, 67, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 67, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 67, 227);  
box-shadow:4px 4px 4px 4px rgb(62, 67,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 62, 67, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 67, 227) }
```

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

```
.background{ background-color: rgb(62, 67,  
227) }
```

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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