

Converting Colors

RGB(40, 47, 255)

Have a look what the booklet for
RGB(40, 47, 255) contains.

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Color

RGB(40, 47, 255)

Conversions

Conversions Part 1

Format	Color
Hex	282FFF
RGB	40, 47, 255
RGB Percent	16%, 18%, 100%
CMY	0.8431, 0.8157, 0.0000
CMYK	0.84, 0.82, 0.00, 0.00
HSL	238°, 100%, 58%
HSV	238°, 84%, 100%
XYZ	19.9416, 9.7041, 95.4298
YIQ	68.6190, -70.9400, 63.2040

Conversions

Conversions Part 2

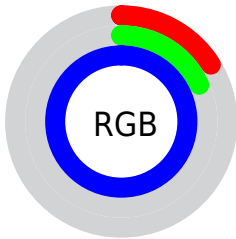
Format	Color
RYB	40, 47, 255
Decimal	2633727
CIELab	37.31, 67.34, -99.49
CIELCh	37, 120.137, 304.091
Yxy	9.7041, 0.1594, 0.0776
Android (android.graphics.Color)	4280823807 (0xFF282FFF)
YUV	68.6190, 91.8858, -25.0989
Hunter-Lab	31.1515, 59.7515, -159.8236

Details

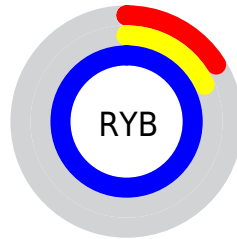
The RGB color **40, 47, 255** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **255, 248, 40**, and the grayscale version is **68, 68, 68**.

A 20% lighter version of the original color is **129, 99, 255**, and **0, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **15, 22, 255**, and if you desaturate by 10%, it is **66, 72, 255**.

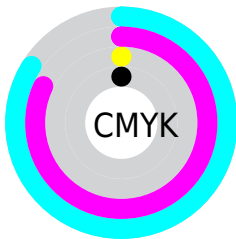
Distribution



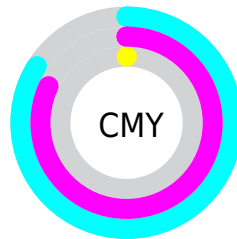
- Red (16%)
- Green (18%)
- Blue (100%)



- Red (16%)
- Yellow (18%)
- Blue (100%)



- Cyan (84%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





















- Cyan (84%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 40, 47, 255 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 40, 47, 255 by changing the saturation by 10% instead.

 40, 47, 255	 40, 47, 255
 255, 255, 255	 0, 19, 225
 129, 99, 255	 0, 0, 196
 163, 125, 255	 0, 0, 168
 196, 152, 255	 0, 0, 141
 229, 179, 255	 0, 12, 114
 255, 208, 255	 0, 12, 88
 255, 236, 255	 0, 7, 64
	 0, 3, 41
	 0, 1, 19

■ 40, 47, 255

■ 40, 47, 255

■ 15, 22, 255

■ 66, 72, 255

■ 0, 8, 255

■ 91, 96, 255

■ 117, 121, 255

■ 142, 146, 255

■ 168, 170, 255

■ 193, 195, 255

■ 219, 220, 255

■ 244, 244, 255

255, 255, 255

Harmonies

Analogous

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



0, 103, 255



40, 47, 255



203, 0, 175

Triad

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



40, 47, 255



171, 34, 0



0, 117, 100

Complementary

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



40, 47, 255



255, 248, 40

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, 114, 0



40, 47, 255



96, 90, 0

Square

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



40, 47, 255



222, 0, 0



0, 108, 0



0, 120, 198

Rectangle

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



40, 47, 255



234, 0, 112



0, 108, 0



0, 116, 65

Sweetspot

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



40, 47, 255



191, 193, 255



40, 255, 248



89, 90, 128



0, 0, 0



128, 128, 128

Same Dimension

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



40, 47, 255



0, 8, 255



140, 40, 255



115, 115, 128



0, 6, 191



0, 2, 64

Inverse Universe

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



255, 40, 47



255, 0, 8



155, 255, 40



128, 115, 115



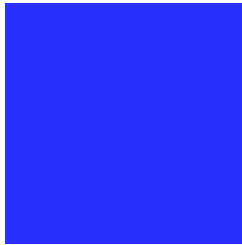
191, 0, 6



64, 0, 2

Previews

White Background



This preview shows how the RGB color 40, 47, 255 looks on a white background.

Color Contrast Check

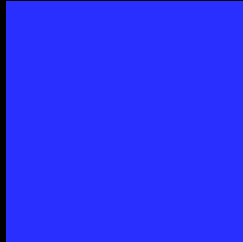
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 47, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

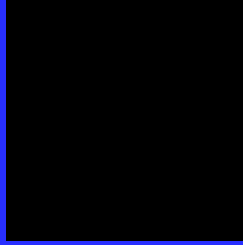
Any Text WCAG AA × Fail

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 40, 47, 255 Background



This preview shows how black text looks on a background with the RGB color 40, 47, 255.



This preview shows how white text looks on a background with the RGB color 40, 47, 255.

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
40, 47, 255

Protanopia
0, 84, 176

Deuteranopia
0, 89, 149



Tritanopia
0, 96, 101

Trichromacy



Original Color

40, 47, 255

Protanomaly

15, 71, 205

Deuteranomaly

15, 74, 188

Tritanomaly

15, 78, 157

Monochromacy



Original Color

40, 47, 255

Achromatopsia

69, 69, 69

Achromatomaly

58, 61, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 40, 47, 255 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(40, 47, 255)` looks like.

```
.text, #text, p{  
    color:rgb(40, 47, 255)  
}
```

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(40, 47, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 47, 255) }
```

Border

The CSS property to change the border of an element to RGB 40, 47, 255 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(40, 47, 255) }
```

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

```
.border{ border-color:rgb(40, 47, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 47, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 47, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 47, 255);  
box-shadow:4px 4px 4px 4px rgb(40, 47,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 40, 47, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 47, 255) }
```

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

```
.background{ background-color: rgb(40, 47,  
255) }
```

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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