

# Converting Colors

Android(4281940602)

Have a look what the booklet for  
Android(4281940602) contains.

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# Color

**Android(4281940602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	393A7A
RGB	57, 58, 122
RGB Percent	22%, 23%, 48%
CMY	0.7765, 0.7725, 0.5216
CMYK	0.53, 0.52, 0.00, 0.52
HSL	239°, 36%, 35%
HSV	239°, 53%, 48%
XYZ	6.7133, 5.3011, 19.0817
YIQ	64.9970, -21.1400, 19.6920

# Conversions

## Conversions Part 2

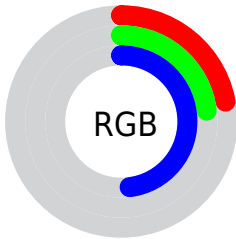
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 58, 122
Decimal	3750522
CIELab	27.58, 18.85, -36.79
CIElCh	28, 41.341, 297.133
Yxy	5.3011, 0.2159, 0.1705
Android (android.graphics.Color)	4281940602 (0xFF393A7A)
YUV	64.9970, 28.1025, -7.0134
Hunter-Lab	23.0241, 11.7538, -33.0209

# Details

The Android color `4281940602` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4286216505`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4285360559`, and `4278194505` is the 20% darker color. If you saturate the color by 10%, you get `4281151098`, and if you desaturate by 10%, it is `4282730106`.

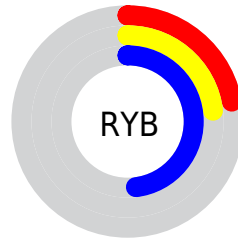
# Distribution



Red (22%)

Green (23%)

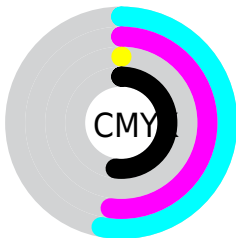
Blue (48%)



Red (22%)

Yellow (23%)

Blue (48%)

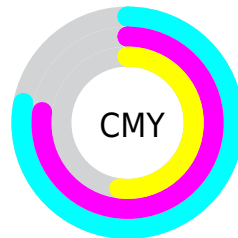


Cyan (53%)

Magenta (52%)

Yellow (0%)

Black (52%)



Cyan (78%)

Magenta (77%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281940602 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 Android color 4281940602 by changing the saturation by 10% instead.



■ 4281940602

■ 4281940602

4294967295

■ 4280165473

■ 4285360559

■ 4278194505

■ 4287136459

■ 4278190130

■ 4288912615

■ 4278190364

■ 4290754559

■ 4278190080

■ 4292596735

■ 4294504447

■ 4281940602

■ 4281940602

■ 4281151098

■ 4282730106

■ 4280361594

■ 4283519610

■ 4279506554

■ 4284374650

■ 4278717050

■ 4285164154

■ 4278190714

■ 4285953658

■ 4286743162

■ 4287532666

■ 4288387706

■ 4289177210

# Harmonies

## Analogous

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



4278208129



4281940602



4284754532

# Triad

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



4281940602



4285149705



4278210365

# Complementary

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



4281940602



4286216505

# 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.



4278209820



4281940602



4283580160

# Square

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



4281940602



4285997862



4281550848



4278210397

# Rectangle

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



4281940602



4285735248



4281550848



4278210354



# Sweetspot

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



4281940602



4286940574



4281956985



4282400847



4291809231



4283387727



# Same Dimension

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



4281940602



4281940638



4283971962



4281808701



4278190717



4278191356



# Inverse Universe

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



4286200122



4288559418



4284185145



4282201911



4286382082



4294705156



# Previews

## White Background



This preview shows how the Android color 4281940602 looks on a white background.

## Color Contrast Check

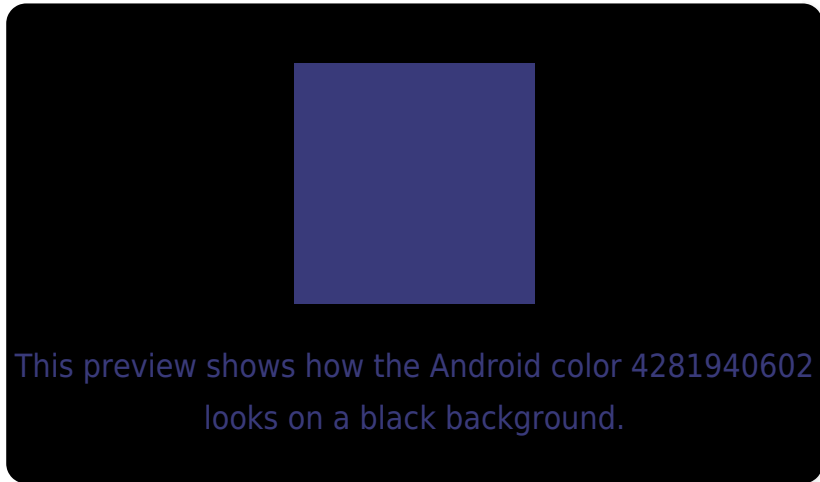
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4281940602 Background



This preview shows how black text looks on a background with the Android color 4281940602.



This preview shows how white text looks on a background with the Android color 4281940602.

# 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**  
4281940602

**Protanopia**  
4279910271

**Deuteranopia**  
4278207093



# Trichromacy



**Original Color**  
4281940602

**Protanomaly**  
4280630653

**Deuteranomaly**  
4279582583

**Tritanomaly**  
4281287260

# Monochromacy



**Original Color**  
4281940602

**Achromatopsia**  
4282466625

**Achromatomaly**  
4282269270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281940602 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(57, 58, 122)` looks like.

```
.text, #text, p{  
    color:rgb(57, 58, 122)  
}
```

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(57, 58, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 58, 122) }
```

## Border

The CSS property to change the border of an element to Android 4281940602 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(57, 58, 122) }
```

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

```
.border{ border-color:rgb(57, 58, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 58, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 58, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 58, 122);  
box-shadow:4px 4px 4px 4px rgb(57, 58,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4281940602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 58, 122) }
```

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

```
.background{ background-color: rgb(57, 58,  
122) }
```

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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