

# Converting Colors

Android(4282270165)

Have a look what the booklet for  
Android(4282270165) contains.

<b>Android(4282270165)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4282270165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E41D5
RGB	62, 65, 213
RGB Percent	24%, 25%, 84%
CMY	0.7569, 0.7451, 0.1647
CMYK	0.71, 0.69, 0.00, 0.16
HSL	239°, 64%, 54%
HSV	239°, 71%, 84%
XYZ	15.8871, 9.6088, 63.9681
YIQ	80.9750, -49.2960, 45.3920

# Conversions

## Conversions Part 2

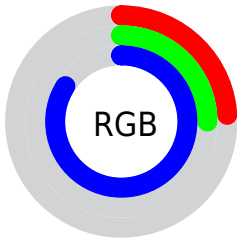
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 65, 213
Decimal	4080085
CIE Lab	37.13, 46.41, -75.90
CIE LCh	37, 88.967, 301.446
Yxy	9.6088, 0.1776, 0.1074
Android (android.graphics.Color)	4282270165 (0xFF3E41D5)
YUV	80.9750, 65.0883, -16.6411
Hunter-Lab	30.9981, 37.2381, -100.6530

# Details

The Android color `4282270165` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4292203070`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4286673663`, and `4278195357` is the 20% darker color. If you saturate the color by 10%, you get `4280888533`, and if you desaturate by 10%, it is `4283651797`.

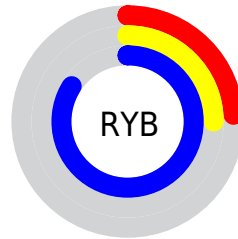
# Distribution



Red (24%)

Green (25%)

Blue (84%)



Red (24%)

Yellow (25%)

Blue (84%)

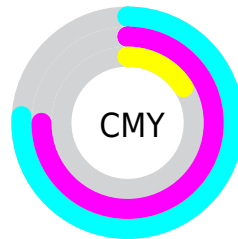


Cyan (71%)

Magenta (69%)

Yellow (0%)

Black (16%)



Cyan (76%)

Magenta (75%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282270165 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 4282270165 by changing the saturation by 10% instead.



 4282270165

 4282270165

4294967295

 4278201017

 4286673663

 4278195357

 4288711935

 4278190722

 4290750207

 4278190184

 4292788991

 4278192719

 4294762239

 4278191415

 4294966271

 4278190624

 4278190085

 4278190080

■ 4282270165

■ 4282270165

■ 4280888533

■ 4283651797

■ 4279441365

■ 4285098965

■ 4278191317

■ 4286480597

■ 4287862229

■ 4289309141

■ 4290690773

■ 4292072405

■ 4293454037

■ 4294901205

# Harmonies

## Analogous

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



4278215403



4282270165



4289331358

# Triad

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



4282270165



4288623360



4278219097

# Complementary

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



4282270165



4292203070

# 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.



4278218240



4282270165



4285028096

# Square

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



4282270165



4290969617



4278740736



4278219426

# Rectangle

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



4282270165



4291100783



4278740736



4278218816



# Sweetspot

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



4282270165



4291415039



4282308048



4284506240



4278190080



4286611584



# Same Dimension

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



4282270165



4280691711



4286856917



4284506475



4278191019



4278190379



# Inverse Universe

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



4292165185



4294911531



4287616318



4285227105



4289396739

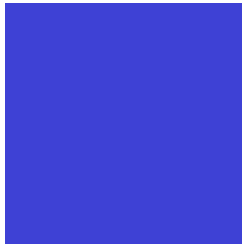


4281008129



# Previews

## White Background



This preview shows how the Android color 4282270165 looks on a white background.

## Color Contrast Check

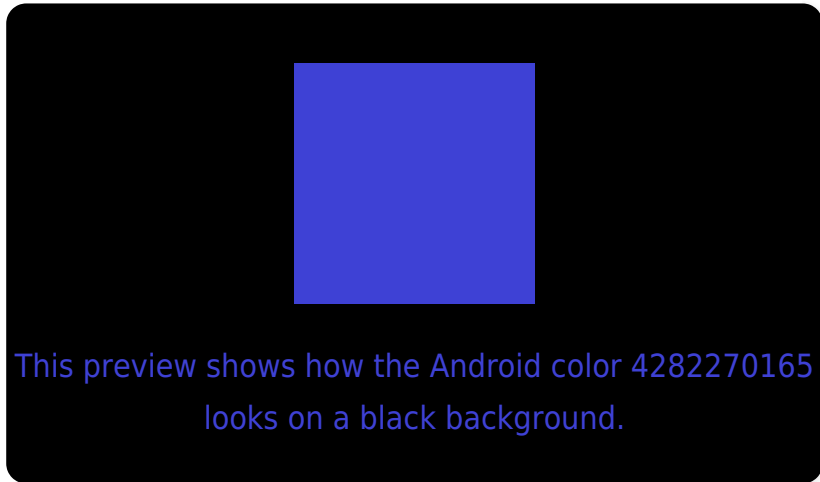
Large Text (above 18pt) WCAG AA ✓ Pass

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

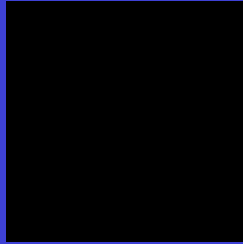
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282270165 Background



This preview shows how black text looks on a background with the Android color 4282270165.



This preview shows how white text looks on a background with the Android color 4282270165.

# 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**

4282270165

**Protanopia**

4278211761

**Deuteranopia**

4278213015



# Trichromacy



**Original Color**  
4282270165

**Protanomaly**  
4279717310

**Deuteranomaly**  
4279718062

**Tritanomaly**  
4279719311

# Monochromacy



**Original Color**  
4282270165

**Achromatopsia**  
4283519313

**Achromatomaly**  
4283059073

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282270165 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, 65, 213)` looks like.

```
.text, #text, p{  
    color:rgb(62, 65, 213)  
}
```

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, 65, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 65, 213) }
```

## Border

The CSS property to change the border of an element to Android 4282270165 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, 65, 213) }
```

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

```
.border{ border-color:rgb(62, 65, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 65, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 65, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 65, 213);  
box-shadow:4px 4px 4px 4px rgb(62, 65,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4282270165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 65, 213) }
```

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

```
.background{ background-color: rgb(62, 65,  
213) }
```

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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