

# Converting Colors

Android(4283854253)

Have a look what the booklet for  
Android(4283854253) contains.

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# Color

**Android(4283854253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	566DAD
RGB	86, 109, 173
RGB Percent	34%, 43%, 68%
CMY	0.6627, 0.5725, 0.3216
CMYK	0.50, 0.37, 0.00, 0.32
HSL	224°, 35%, 51%
HSV	224°, 50%, 68%
XYZ	16.8492, 15.9328, 41.7225
YIQ	109.4190, -34.2520, 15.0280

# Conversions

## Conversions Part 2

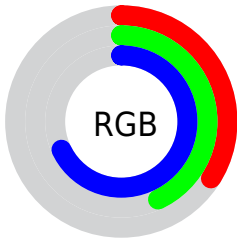
Format	Color
R <sub>Y</sub> B	86, 104, 173
Decimal	5664173
CIE Lab	46.89, 9.82, -36.84
CIE LCh	47, 38.128, 284.919
Yxy	15.9328, 0.2262, 0.2139
Android (android.graphics.Color)	4283854253 (0xFF566DAD)
YUV	109.4190, 31.3454, -20.5385
Hunter-Lab	39.9160, 5.4950, -34.0321

# Details

The Android color `4283854253` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289566294`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4287406309`, and `4280041080` is the 20% darker color. If you saturate the color by 10%, you get `4282736813`, and if you desaturate by 10%, it is `4284971693`.

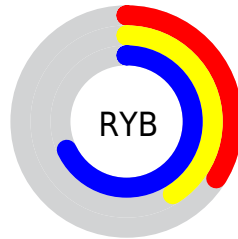
# Distribution



Red (34%)

Green (43%)

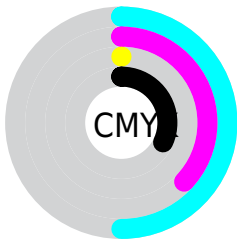
Blue (68%)



Red (34%)

Yellow (41%)

Blue (68%)

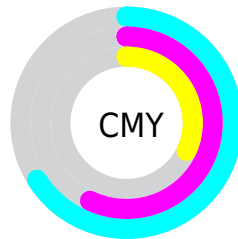


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (32%)



Cyan (66%)

Magenta (57%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283854253 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 4283854253 by changing the saturation by 10% instead.



■ 4283854253

■ 4283854253

4294967295

■ 4282078610

■ 4287406309

■ 4280041080

■ 4289248255

■ 4278200671

■ 4291155967

■ 4278195527

■ 4292998143

■ 4278191152

■ 4278190362

■ 4278190080

■ 4283854253

■ 4283854253

■ 4282736813

■ 4284971693

■ 4281554093

■ 4286154413

■ 4280436653

■ 4287271853

■ 4279319213

■ 4288389293

■ 4278202029

■ 4289572269

■ 4290689453

■ 4291806893

■ 4292924333

■ 4294107309

# Harmonies

## Analogous

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



4278220717



4283854253



4286996637

# Triad

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



4283854253



4288961603



4279533149

# Complementary

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



4283854253



4289566294

# 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.



4283333184



4283854253



4287653936

# Square

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



4283854253



4289418336



4285690414



4278222719

# Rectangle

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



4283854253



4288371083



4285690414



4281236819



# Sweetspot

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



4283854253



4290758880



4283870614



4284244336



4293980400



4285558896



# Same Dimension

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



4283854253



4284120544



4285159085



4283322455



4278200470



4278191639



# Inverse Universe

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



4289549933



4292893309



4288261462



4283911760



4288020520



4279697414



# Previews

## White Background



This preview shows how the Android color 4283854253 looks on a white background.

## Color Contrast Check

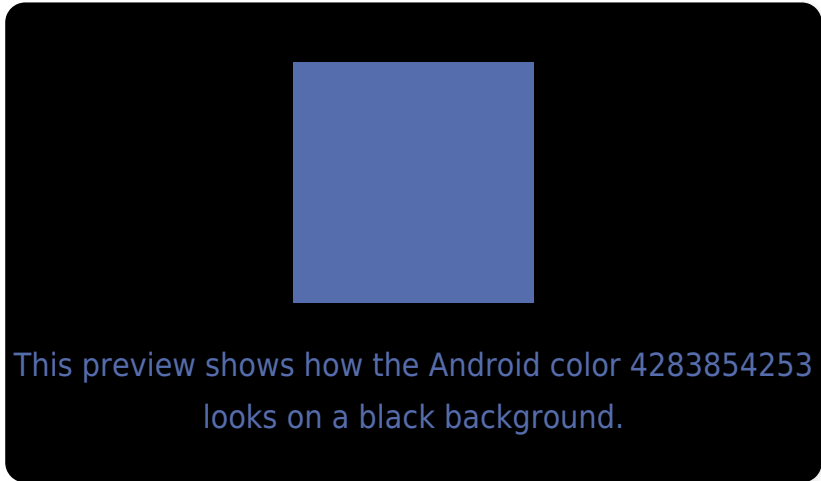
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

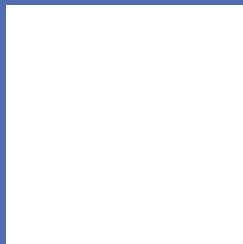
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283854253 Background



This preview shows how black text looks on a background with the Android color 4283854253.

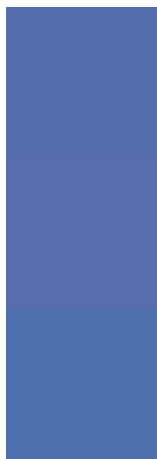


This preview shows how white text looks on a background with the Android color 4283854253.

# 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**

4283854253

**Protanopia**

4283919789

**Deuteranopia**

4283330477



# Trichromacy



**Original Color**  
4283854253

**Protanomaly**  
4283919789

**Deuteranomaly**  
4283526829

**Tritanomaly**  
4283265936

# Monochromacy



**Original Color**  
4283854253

**Achromatopsia**  
4285361517

**Achromatomaly**  
4284837252

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283854253 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(86, 109, 173)` looks like.

```
.text, #text, p{  
    color:rgb(86, 109, 173)  
}
```

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(86, 109, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 109, 173) }
```

## Border

The CSS property to change the border of an element to Android 4283854253 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(86, 109, 173) }
```

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

```
.border{ border-color:rgb(86, 109, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 109, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 109, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 109, 173);  
box-shadow:4px 4px 4px 4px rgb(86, 109,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4283854253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 109, 173) }
```

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

```
.background{ background-color: rgb(86, 109,  
173) }
```

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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