

# Converting Colors

Android(4282533584)

Have a look what the booklet for  
Android(4282533584) contains.

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# Color

**Android(4282533584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4246D0
RGB	66, 70, 208
RGB Percent	26%, 27%, 82%
CMY	0.7412, 0.7255, 0.1843
CMYK	0.68, 0.66, 0.00, 0.18
HSL	238°, 60%, 54%
HSV	238°, 68%, 82%
XYZ	15.8221, 10.0926, 60.7887
YIQ	84.5360, -46.6820, 42.0700

# Conversions

## Conversions Part 2

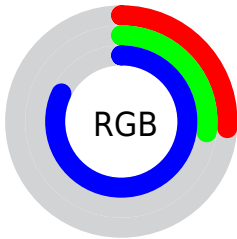
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 70, 208
Decimal	4343504
CIE Lab	38.01, 42.26, -71.57
CIE LCh	38, 83.110, 300.560
Yxy	10.0926, 0.1825, 0.1164
Android (android.graphics.Color)	4282533584 (0xFF4246D0)
YUV	84.5360, 60.8678, -16.2561
Hunter-Lab	31.7689, 33.3040, -91.2111

# Details

The Android color `4282533584` 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 `4291873858`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4286806015`, and `4278196888` is the 20% darker color. If you saturate the color by 10%, you get `4281152208`, and if you desaturate by 10%, it is `4283914960`.

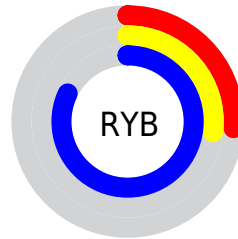
# Distribution



Red (26%)

Green (27%)

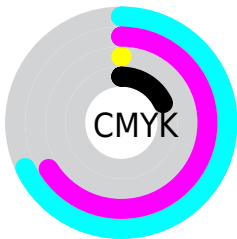
Blue (82%)



Red (26%)

Yellow (27%)

Blue (82%)

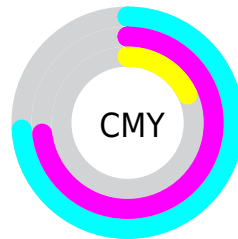


Cyan (68%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (74%)

Magenta (73%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282533584 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 4282533584 by changing the saturation by 10% instead.



 4282533584

 4282533584

4294967295

 4279381940

 4286806015

 4278196888

 4288778751

 4278191742

 4290751743

 4278190180

 4292790271

 4278192459

 4294763519

 4278191155

 4278190621

 4278190080

 4282533584

 4282533584

■ 4281152208

■ 4283914960

■ 4279770832

■ 4285296336

■ 4278454736

■ 4286612432

■ 4278191824

■ 4287993808

■ 4289375184

■ 4290756560

■ 4292137936

■ 4293454032

■ 4294835408

# Harmonies

## Analogous

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



4278215908



4282533584



4289069213

# Triad

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



4282533584



4288689920



4278219353

# Complementary

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



4282533584



4291873858

# 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.



4278218502



4282533584



4285356032

# Square

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



4282533584



4290838554



4280379392



4278219677

# Rectangle

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



4282533584



4290838642



4280379392



4278219329



# Sweetspot

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



4282533584



4291612159



4282568907



4284572288



4278190080



4286611584



# Same Dimension

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



4282533584



4281218303



4286857936



4284374633



4278191528



4278190377



# Inverse Universe

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



4291838534



4294913588



4287549506



4285095518



4289200133

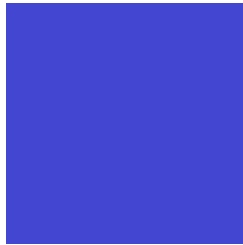


4280877057



# Previews

## White Background



This preview shows how the Android color 4282533584 looks on a white background.

## Color Contrast Check

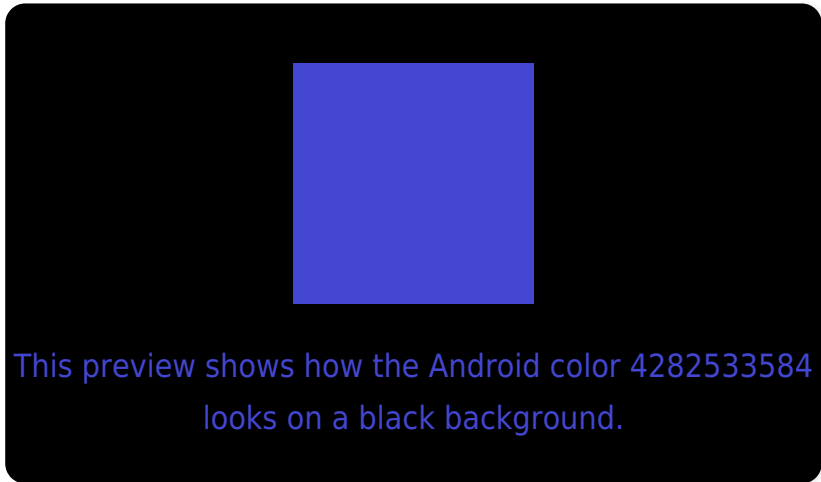
Large Text (above 18pt) WCAG AA ✓ Pass

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

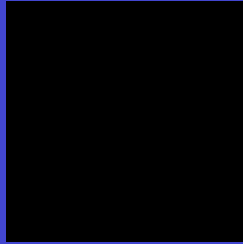
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282533584 Background



This preview shows how black text looks on a background with the Android color 4282533584.



This preview shows how white text looks on a background with the Android color 4282533584.

# 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**

4282533584

**Protanopia**

4278212277

**Deuteranopia**

4278213531



# Trichromacy



**Original Color**  
4282533584

**Protanomaly**  
4279783615

**Deuteranomaly**  
4279784366

**Tritanomaly**  
4279785615

# Monochromacy



**Original Color**  
4282533584

**Achromatopsia**  
4283782485

**Achromatomaly**  
4283322498

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282533584 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(66, 70, 208)` looks like.

```
.text, #text, p{  
    color:rgb(66, 70, 208)  
}
```

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(66, 70, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 70, 208) }
```

## Border

The CSS property to change the border of an element to Android 4282533584 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(66, 70, 208) }
```

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

```
.border{ border-color:rgb(66, 70, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 70, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 70, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 70, 208);  
box-shadow:4px 4px 4px 4px rgb(66, 70,  
208) }
```

# Background

The CSS property to change the background color of an element to Android 4282533584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 70, 208) }
```

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

```
.background{ background-color: rgb(66, 70,  
208) }
```

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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