

# Converting Colors

Android(4286736583)

Have a look what the booklet for  
Android(4286736583) contains.

<b>Android(4286736583)</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(4286736583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8268C7
RGB	130, 104, 199
RGB Percent	51%, 41%, 78%
CMY	0.4902, 0.5922, 0.2196
CMYK	0.35, 0.48, 0.00, 0.22
HSL	256°, 46%, 59%
HSV	256°, 48%, 78%
XYZ	24.4650, 18.7700, 56.3663
YIQ	122.6040, -14.9990, 35.0570

# Conversions

## Conversions Part 2

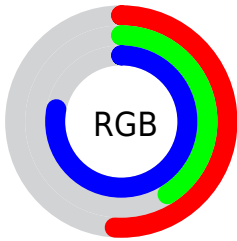
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 104, 199
Decimal	8546503
CIE <sub>Lab</sub>	50.42, 31.78, -46.08
CIE <sub>LCh</sub>	50, 55.972, 304.592
Y <sub>xy</sub>	18.7700, 0.2456, 0.1885
Android (android.graphics.Color)	4286736583 (0xFF8268C7)
YUV	122.6040, 37.6632, 6.4863
Hunter-Lab	43.3243, 24.9805, -46.8112

# Details

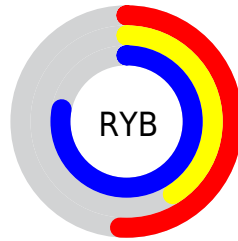
The Android color `4286736583` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4289578856`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4290419967`, and `4283185296` is the 20% darker color. If you saturate the color by 10%, you get `4285813959`, and if you desaturate by 10%, it is `4287659207`.

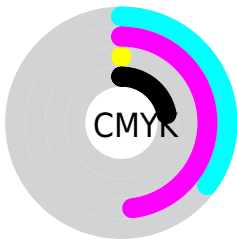
# Distribution



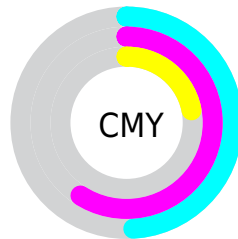
- Red (51%)
- Green (41%)
- Blue (78%)



- Red (51%)
- Yellow (41%)
- Blue (78%)



- Cyan (35%)
- Magenta (48%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (59%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286736583 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 4286736583 by changing the saturation by 10% instead.



■ 4286736583

■ 4286736583

4294967295

■ 4284960939

■ 4290419967

■ 4283185296

■ 4292261887

■ 4281410166

■ 4294169343

■ 4279307357

■ 4294963199

■ 4278190149

■ 4278190894

■ 4278190360

■ 4278190080

■ 4286736583

■ 4286736583

4285813959

4287659207

4284825799

4288647367

4283903175

4289569991

4282915015

4290558151

4281992391

4291480775

4281729223

4292468679

4293391303

4294377415

4294967239

# Harmonies

## Analogous

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



4278221783



4286736583



4290204578

# Triad

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



4286736583



4289685021



4278226558

# Complementary

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



4286736583



4289578856

# 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.



4278225741



4286736583



4287199233

# Square

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



4286736583



4291318341



4283925536



4278226349

# Rectangle

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



4286736583



4291316099



4283925536



4278226542



# Sweetspot

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



4286736583



4293254143



4285050567



4285557376



4278190080



4286611584



# Same Dimension

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



4286736583



4287983359



4289816775



4284242531



4281139363



4278845476



# Inverse Universe

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



4291258541



4294930135



4286498664



4284701281



4288872567



4280549402



# Previews

## White Background



This preview shows how the Android color 4286736583 looks on a white background.

## Color Contrast Check

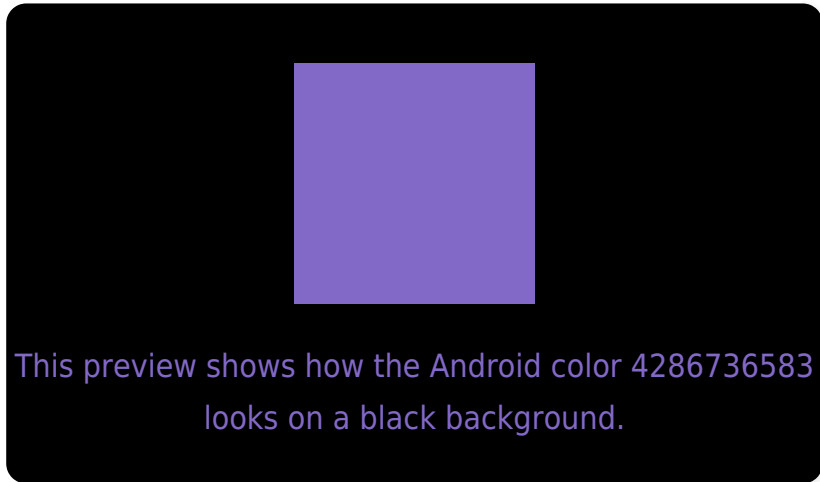
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4286736583 Background



This preview shows how black text looks on a background with the Android color 4286736583.



This preview shows how white text looks on a background with the Android color 4286736583.

# 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





# Trichromacy



**Original Color**  
4286736583

**Protanomaly**  
4284510415

**Deuteranomaly**  
4284380100

**Tritanomaly**  
4286083739

# Monochromacy



**Original Color**  
4286736583

**Achromatopsia**  
4286282619

**Achromatomaly**  
4286477463

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286736583 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(130, 104, 199)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 199)  
}
```

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(130, 104, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 199) }
```

## Border

The CSS property to change the border of an element to Android 4286736583 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(130, 104, 199) }
```

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

```
.border{ border-color:rgb(130, 104, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 104, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 104, 199); box-shadow:4px 4px 4px 4px rgb(130, 104, 199) }
```

# Background

The CSS property to change the background color of an element to Android 4286736583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 199) }
```

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

```
.background{ background-color: rgb(130,  
104, 199) }
```

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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