

# Converting Colors

Android(4286527429)

Have a look what the booklet for  
Android(4286527429) contains.

<b>Android(4286527429)</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(4286527429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F37C5
RGB	127, 55, 197
RGB Percent	50%, 22%, 77%
CMY	0.5020, 0.7843, 0.2275
CMYK	0.36, 0.72, 0.00, 0.23
HSL	270°, 56%, 49%
HSV	270°, 72%, 77%
XYZ	20.1966, 11.2756, 53.9353
YIQ	92.7160, -2.6700, 59.4260

# Conversions

## Conversions Part 2

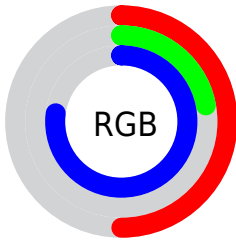
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 55, 197
Decimal	8337349
CIE <sub>Lab</sub>	40.04, 56.81, -61.62
CIE <sub>LCh</sub>	40, 83.816, 312.673
Yxy	11.2756, 0.2365, 0.1320
Android (android.graphics.Color)	4286527429 (0xFF7F37C5)
YUV	92.7160, 51.4120, 30.0671
Hunter-Lab	33.5792, 48.5975, -71.7268

# Details

The Android color `4286527429` is a dark color, and the websafe version is hex `9933CC`. The color can be described as dark muted purple. A complement of this color would be `4286432567`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4290342143`, and `4282777742` is the 20% darker color. If you saturate the color by 10%, you get `4285866949`, and if you desaturate by 10%, it is `4287187909`.

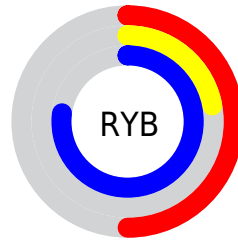
# Distribution



Red (50%)

Green (22%)

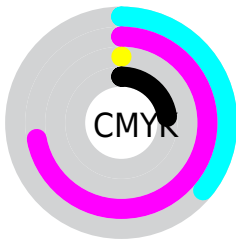
Blue (77%)



Red (50%)

Yellow (22%)

Blue (77%)

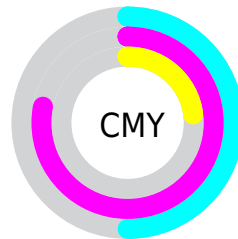


Cyan (36%)

Magenta (72%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (78%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286527429 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 4286527429 by changing the saturation by 10% instead.





4286527429



4286527429

4294967295



4284684969



4290342143



4282777742



4292249599



4280680564



4294222591



4278386778



4294950655



4278190146



4294958079



4278190891



4294965503



4278190357



4278190080



4286527429



4286527429

■ 4285866949

■ 4287187909

■ 4285272261

■ 4287782597

■ 4284743877

■ 4288443077

■ 4289103557

■ 4289764037

■ 4290358725

■ 4291019205

■ 4291679685

■ 4292274373

# Harmonies

## Analogous

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



4278214631



4286527429



4290773129

# Triad

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



4286527429



4287843328



4278221179

# Complementary

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



4286527429



4286432567

# 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.



4278220338



4286527429



4284048640

# Square

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



4286527429



4290581248



4278219008



4278220987

# Rectangle

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



4286527429



4291756124



4278219008



4278220899



# Sweetspot

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



4286527429



4293117951



4281827013



4285488768



4278190080



4286611584



# Same Dimension

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



4286527429



4287833343



4291114949



4284439139



4283629731



4279369764



# Inverse Universe

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



4291114877



4294911120



4281845047



4284701278



4288872528

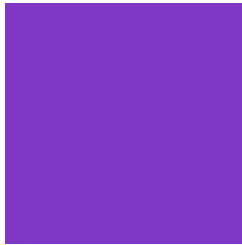


4280549394



# Previews

## White Background



This preview shows how the Android color 4286527429 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



This preview shows how the Android color 4286527429 looks on a 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 4286527429 Background



This preview shows how black text looks on a background with the Android color 4286527429.



This preview shows how white text looks on a background with the Android color 4286527429.

# 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**

4286527429

**Protanopia**

4278213569

**Deuteranopia**

4278215080



# Trichromacy



**Original Color**

4286527429



**Protanomaly**

4281224898



**Deuteranomaly**

4281225907



**Tritanomaly**

4285681029

# Monochromacy



**Original Color**

4286527429



**Achromatopsia**

4284308829



**Achromatomaly**

4285091715

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286527429 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(127, 55, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 55, 197)  
}
```

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(127, 55, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 55, 197) }
```

## Border

The CSS property to change the border of an element to Android 4286527429 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(127, 55, 197) }
```

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

```
.border{ border-color:rgb(127, 55, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 55, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 55, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 55, 197);  
box-shadow:4px 4px 4px 4px rgb(127, 55,  
197) }
```

# Background

The CSS property to change the background color of an element to Android 4286527429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 55, 197) }
```

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

```
.background{ background-color: rgb(127, 55,  
197) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor