

# Converting Colors

Android(4286402985)

Have a look what the booklet for  
Android(4286402985) contains.

<b>Android(4286402985)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4286402985)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D51A9
RGB	125, 81, 169
RGB Percent	49%, 32%, 66%
CMY	0.5098, 0.6824, 0.3373
CMYK	0.26, 0.52, 0.00, 0.34
HSL	270°, 35%, 49%
HSV	270°, 52%, 66%
XYZ	18.5613, 13.1094, 39.0882
YIQ	104.1880, -2.0240, 36.6960

# Conversions

## Conversions Part 2

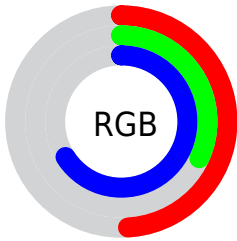
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 81, 169
Decimal	8212905
CIE <sub>Lab</sub>	42.93, 36.09, -40.54
CIE <sub>LCh</sub>	43, 54.278, 311.672
Yxy	13.1094, 0.2623, 0.1853
Android (android.graphics.Color)	4286402985 (0xFF7D51A9)
YUV	104.1880, 31.9523, 18.2521
Hunter-Lab	36.2069, 28.1451, -38.6634

# Details

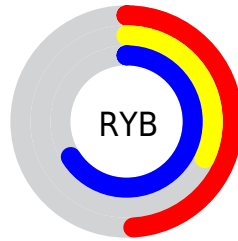
The Android color `4286402985` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4286425425`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4290020577`, and `4282982772` is the 20% darker color. If you saturate the color by 10%, you get `4285874345`, and if you desaturate by 10%, it is `4286931625`.

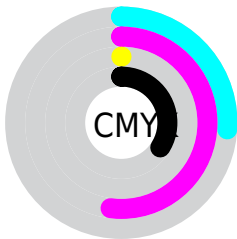
# Distribution



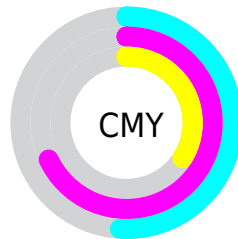
- Red (49%)
- Green (32%)
- Blue (66%)



- Red (49%)
- Yellow (32%)
- Blue (66%)



- Cyan (26%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (68%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286402985 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 4286402985 by changing the saturation by 10% instead.





4286402985



4286402985

4294967295



4284692878



4290020577



4282982772



4291862270



4281272667



4293769727



4279697475



4294956543



4278190124



4294963967



4278190358



4278190080



4286402985



4286402985



4285874345



4286931625

4285280169

4287525801

4284751529

4288054441

4284157353

4288648617

4283695273

4289177001

4289771177

4290299817

4290893993

4291422633

# Harmonies

## Analogous

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



4279330238



4286402985



4289150083

# Triad

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



4286402985



4287650048



4278221430

# Complementary

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



4286402985



4286425425

# 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.



4278220871



4286402985



4285163776

# Square

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



4286402985



4289414443



4281824026



4278220960

# Rectangle

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



4286402985



4289934693



4281824026



4278221415



# Sweetspot

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



4286402985



4291475675



4283530665



4284701038



4293783021



4285427310



# Same Dimension

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



4286402985



4288107483



4289286569



4283452500



4283039892



4278845460



# Inverse Universe

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



4289286525



4292563863



4283541841



4283714640



4287889482

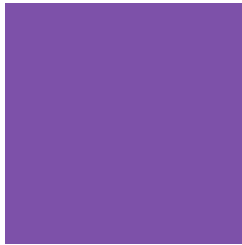


4279500810



# Previews

## White Background



This preview shows how the Android color 4286402985 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 4286402985 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 4286402985 Background



This preview shows how black text looks on a background with the Android color 4286402985.




This preview shows how white text looks on a background with the Android color 4286402985.

# 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





**Tritanopia**  
4285686121

# Trichromacy



**Original Color**  
4286402985

**Protanomaly**  
4283587764

**Deuteranomaly**  
4283850406

**Tritanomaly**  
4285946752

# Monochromacy



**Original Color**  
4286402985

**Achromatopsia**  
4285032552

**Achromatomaly**  
4285554816

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286402985 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(125, 81, 169)` looks like.

```
.text, #text, p{  
    color:rgb(125, 81, 169)  
}
```

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(125, 81, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 81, 169) }
```

## Border

The CSS property to change the border of an element to Android 4286402985 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(125, 81, 169) }
```

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

```
.border{ border-color:rgb(125, 81, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 81, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 81, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 81, 169);  
box-shadow:4px 4px 4px 4px rgb(125, 81,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4286402985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 81, 169) }
```

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

```
.background{ background-color: rgb(125, 81,  
169) }
```

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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