

# Converting Colors

Android(4285684913)

Have a look what the booklet for  
Android(4285684913) contains.

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# Color

**Android(4285684913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	725CB1
RGB	114, 92, 177
RGB Percent	45%, 36%, 69%
CMY	0.5529, 0.6392, 0.3059
CMYK	0.36, 0.48, 0.00, 0.31
HSL	256°, 35%, 53%
HSV	256°, 48%, 69%
XYZ	18.7024, 14.4060, 43.3899
YIQ	108.2680, -14.1730, 31.0990

# Conversions

## Conversions Part 2

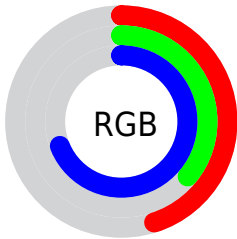
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 92, 177
Decimal	7494833
CIELab	44.81, 28.71, -42.33
CIELCh	45, 51.149, 304.144
Yxy	14.4060, 0.2445, 0.1883
Android (android.graphics.Color)	4285684913 (0xFF725CB1)
YUV	108.2680, 33.8849, 5.0270
Hunter-Lab	37.9553, 21.5338, -41.2107

# Details

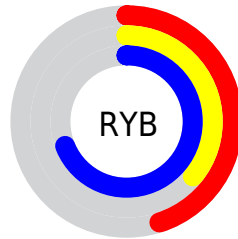
The Android color `4285684913` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4288393564`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4289236969`, and `4282199420` is the 20% darker color. If you saturate the color by 10%, you get `4284828337`, and if you desaturate by 10%, it is `4286541489`.

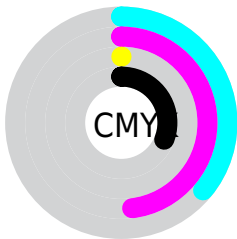
# Distribution



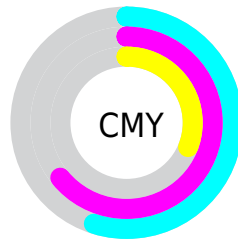
- Red (45%)
- Green (36%)
- Blue (69%)



- Red (45%)
- Yellow (36%)
- Blue (69%)



- Cyan (36%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (64%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285684913 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 4285684913 by changing the saturation by 10% instead.



■ 4285684913

■ 4285684913

4294967295

■ 4283974806

■ 4289236969

■ 4282199420

■ 4291144191

■ 4280424546

■ 4292986367

■ 4278256202

■ 4294959615

■ 4278190131

■ 4294966783

■ 4278190621

■ 4278190080

■ 4285684913

■ 4285684913

■ 4284828337

■ 4286541489

4283972017

4287397809

4283115441

4288254385

4282258865

4289110961

4281336753

4290033073

4281204913

4290889393

4291745969

4292602545

4293458865

# Harmonies

## Analogous

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



4278218175



4285684913



4288825744

# Triad

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



4285684913



4288436761



4278222447

# Complementary

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



4285684913



4288393564

# 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.



4278221635



4285684913



4286212609

# Square

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



4285684913



4289873981



4283331867



4278222233

# Rectangle

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



4285684913



4289871988



4283331867



4278222176



# Sweetspot

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



4285684913



4291741158



4284259505



4284768115



4294111986



4285756275



# Same Dimension

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



4285684913



4286800102



4288437425



4283650137



4280811673



4278648858



# Inverse Universe

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



4289813659



4293288131



4285641052



4284043351



4288217201

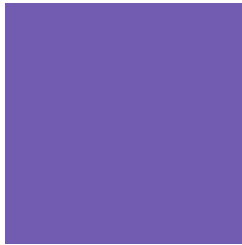


4279894035



# Previews

## White Background



This preview shows how the Android color 4285684913 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 4285684913 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 4285684913 Background



This preview shows how black text looks on a background with the Android color 4285684913.



This preview shows how white text looks on a background with the Android color 4285684913.

# 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**

4285684913

**Protanopia**

4282607548

**Deuteranopia**

4282346414



# Trichromacy



**Original Color**  
4285684913

**Protanomaly**  
4283720632

**Deuteranomaly**  
4283590319

**Tritanomaly**  
4285163146

# Monochromacy



**Original Color**  
4285684913

**Achromatopsia**  
4285295724

**Achromatomaly**  
4285425285

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285684913 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(114, 92, 177)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 177)  
}
```

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(114, 92, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 177) }
```

## Border

The CSS property to change the border of an element to Android 4285684913 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(114, 92, 177) }
```

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

```
.border{ border-color:rgb(114, 92, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 177);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4285684913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 177) }
```

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

```
.background{ background-color: rgb(114, 92,  
177) }
```

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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