

# Converting Colors

Android(4285418677)

Have a look what the booklet for  
Android(4285418677) contains.

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# Color

**Android(4285418677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4CB5
RGB	110, 76, 181
RGB Percent	43%, 30%, 71%
CMY	0.5686, 0.7020, 0.2902
CMYK	0.39, 0.58, 0.00, 0.29
HSL	259°, 42%, 50%
HSV	259°, 58%, 71%
XYZ	17.3553, 11.8201, 45.0828
YIQ	98.1360, -13.4410, 39.8630

# Conversions

## Conversions Part 2

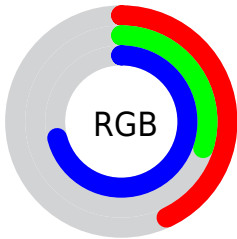
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 76, 181
Decimal	7228597
CIE <sub>Lab</sub>	40.93, 38.28, -50.91
CIE <sub>LCh</sub>	41, 63.699, 306.938
Yxy	11.8201, 0.2337, 0.1592
Android (android.graphics.Color)	4285418677 (0xFF6E4CB5)
YUV	98.1360, 40.8520, 10.4047
Hunter-Lab	34.3803, 29.9420, -53.6806

# Details

The Android color `4285418677` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4287870284`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4289101550`, and `4281802111` is the 20% darker color. If you saturate the color by 10%, you get `4284627637`, and if you desaturate by 10%, it is `4286209717`.

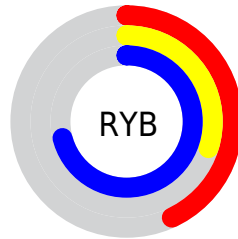
# Distribution



Red (43%)

Green (30%)

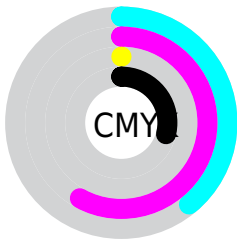
Blue (71%)



Red (43%)

Yellow (30%)

Blue (71%)

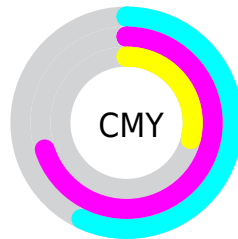


Cyan (39%)

Magenta (58%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (70%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285418677 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 4285418677 by changing the saturation by 10% instead.



 4285418677

 4285418677

4294967295

 4283643034

 4289101550

 4281802111

 4290943231

 4279698790

 4292850943

 4278190157

 4294758399

 4278191413

 4294962431

 4278190623

 4278190082

 4278190080

 4285418677

 4285418677

■ 4284627637

■ 4286209717

■ 4283836597

■ 4287000757

■ 4282980021

■ 4287857333

■ 4282188981

■ 4288648373

■ 4282056885

■ 4289439669

■ 4290230709

■ 4291087285

■ 4291878325

■ 4292669365

# Harmonies

## Analogous

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



4278215626



4285418677



4289145995

# Triad

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



4285418677



4287974912



4278220652

# Complementary

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



4285418677



4287870284

# 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.



4278219829



4285418677



4285227520

# Square

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



4285418677



4289868068



4281363968



4278220447

# Rectangle

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



4285418677



4290189928



4281363968



4278220377



# Sweetspot

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



4285418677



4291871723



4283208885



4284833397



4294309365



4285887861



# Same Dimension

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



4285418677



4286334699



4288826549



4283650137



4281467033



4278714394



# Inverse Universe

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



4290071699



4293609141



4284462412



4284043350



4288217191

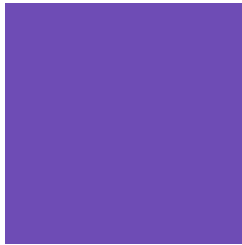


4279894033



# Previews

## White Background



This preview shows how the Android color 4285418677 looks on a white background.

## Color Contrast Check

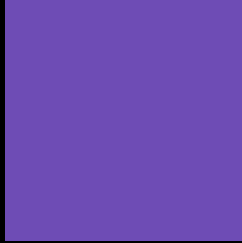
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285418677 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 4285418677 Background



This preview shows how black text looks on a background with the Android color 4285418677.



This preview shows how white text looks on a background with the Android color 4285418677.

# 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**  
4285418677

**Protanopia**  
4278214086

**Deuteranopia**  
4278215342



# Trichromacy



**Original Color**

4285418677



**Protanomaly**

4280833984



**Deuteranomaly**

4280834737



**Tritanomaly**

4284701060

# Monochromacy



**Original Color**

4285418677



**Achromatopsia**

4284637794



**Achromatomaly**

4284897920

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285418677 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(110, 76, 181)` looks like.

```
.text, #text, p{  
    color:rgb(110, 76, 181)  
}
```

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(110, 76, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 76, 181) }
```

## Border

The CSS property to change the border of an element to Android 4285418677 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(110, 76, 181) }
```

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

```
.border{ border-color:rgb(110, 76, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 76, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 76, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 76, 181);  
box-shadow:4px 4px 4px 4px rgb(110, 76,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4285418677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 76, 181) }
```

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

```
.background{ background-color: rgb(110, 76,  
181) }
```

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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