

# Converting Colors

Android(4286923176)

Have a look what the booklet for  
Android(4286923176) contains.

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# Color

**Android(4286923176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8541A8
RGB	133, 65, 168
RGB Percent	52%, 25%, 66%
CMY	0.4784, 0.7451, 0.3412
CMYK	0.21, 0.61, 0.00, 0.34
HSL	280°, 44%, 46%
HSV	280°, 61%, 66%
XYZ	18.6310, 11.5943, 38.3017
YIQ	97.0740, 7.4650, 46.4490

# Conversions

## Conversions Part 2

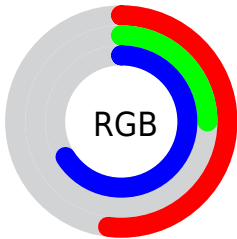
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 65, 168
Decimal	8733096
CIE <sub>Lab</sub>	40.56, 46.64, -43.66
CIE <sub>LCh</sub>	41, 63.885, 316.890
Yxy	11.5943, 0.2719, 0.1692
Android (android.graphics.Color)	4286923176 (0xFF8541A8)
YUV	97.0740, 34.9665, 31.5071
Hunter-Lab	34.0504, 38.0800, -42.8574

# Details

The Android color `4286923176` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4284786753`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4290606560`, and `4283435379` is the 20% darker color. If you saturate the color by 10%, you get `4286525608`, and if you desaturate by 10%, it is `4287320744`.

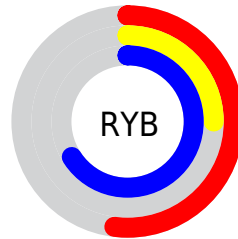
# Distribution



Red (52%)

Green (25%)

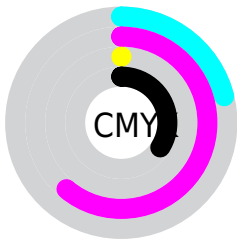
Blue (66%)



Red (52%)

Yellow (25%)

Blue (66%)

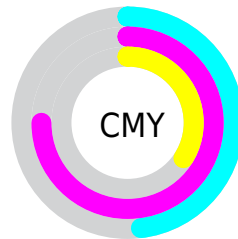


Cyan (21%)

Magenta (61%)

Yellow (0%)

Black (34%)



Cyan (48%)

Magenta (75%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286923176 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 4286923176 by changing the saturation by 10% instead.



 4286923176

 4286923176

4294967295

 4285147021

 4290606560

 4283435379

 4292448253

 4281663578

 4294421247

 4280221762

 4294952703

 4278190123

 4294960127

 4278190357

 4278190080

 4286923176

 4286923176

 4286525608

 4287320744

 4286193576

 4287652776

 4285796264

 4288050088

 4285464744

 4288447656

 4288845224

 4289177256

 4289574824

 4289972136

 4290304168

# Harmonies

## Analogous

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



4278213829



4286923176



4289732729

# Triad

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



4286923176



4287059200



4278220413

# Complementary

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



4286923176



4284786753

# 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.



4278220102



4286923176



4284048896

# Square

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



4286923176



4289280784



4278218759



4278219948

# Rectangle

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



4286923176



4290319958



4278218759



4278220395



# Sweetspot

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



4286923176



4291736795



4282475944



4284831342



4293783021



4285427310



# Same Dimension

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



4286923176



4288952795



4289216921



4283518036



4284612756



4279042068



# Inverse Universe

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



4289216868



4292557168



4282493008



4283714639



4287889458

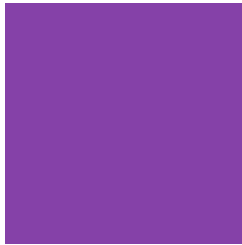


4279500807



# Previews

## White Background



This preview shows how the Android color 4286923176 looks on a white background.

## Color Contrast Check

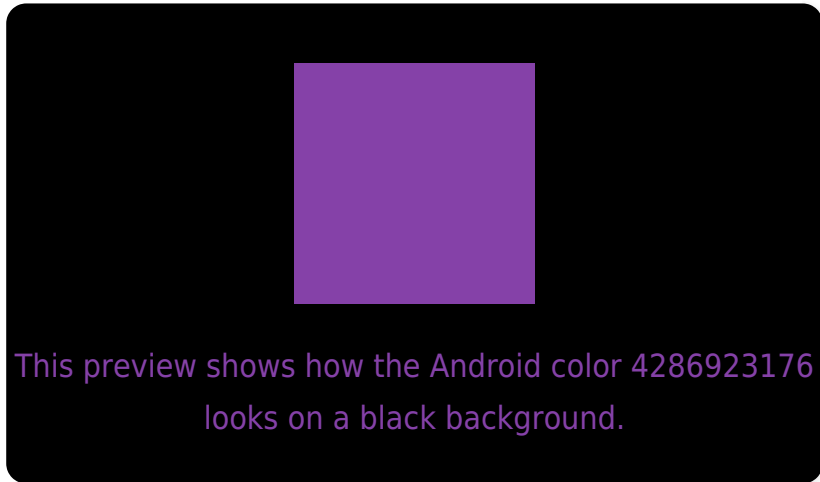
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4286923176 Background



This preview shows how black text looks on a background with the Android color 4286923176.



This preview shows how white text looks on a background with the Android color 4286923176.

# 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**  
4286923176

**Protanomaly**  
4281947066

**Deuteranomaly**  
4283454884

**Tritanomaly**  
4286402168

# Monochromacy



**Original Color**  
4286923176

**Achromatopsia**  
4284572001

**Achromatomaly**  
4285420923

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286923176 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(133, 65, 168)` looks like.

```
.text, #text, p{  
    color:rgb(133, 65, 168)  
}
```

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(133, 65, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 65, 168) }
```

## Border

The CSS property to change the border of an element to Android 4286923176 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(133, 65, 168) }
```

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

```
.border{ border-color:rgb(133, 65, 168) }
```

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

Here you see how a box with a 4 pixel rgb(133, 65, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 65, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 65, 168);  
box-shadow:4px 4px 4px 4px rgb(133, 65,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4286923176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 65, 168) }
```

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

```
.background{ background-color: rgb(133, 65,  
168) }
```

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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