

# Converting Colors

Android(4286929576)

Have a look what the booklet for  
Android(4286929576) contains.

<b>Android(4286929576)</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(4286929576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855AA8
RGB	133, 90, 168
RGB Percent	52%, 35%, 66%
CMY	0.4784, 0.6471, 0.3412
CMYK	0.21, 0.46, 0.00, 0.34
HSL	273°, 31%, 51%
HSV	273°, 46%, 66%
XYZ	20.3969, 15.1260, 38.8904
YIQ	111.7490, 0.5900, 33.3740

# Conversions

## Conversions Part 2

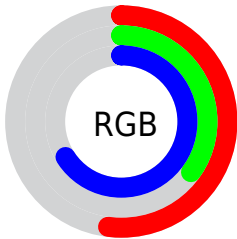
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 90, 168
Decimal	8739496
CIE <sub>Lab</sub>	45.81, 32.94, -35.34
CIE <sub>LCh</sub>	46, 48.313, 312.989
Yxy	15.1260, 0.2741, 0.2033
Android (android.graphics.Color)	4286929576 (0xFF855AA8)
YUV	111.7490, 27.7317, 18.6371
Hunter-Lab	38.8922, 25.5525, -32.0627

# Details

The Android color `4286929576` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4286425178`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4290547168`, and `4283509363` is the 20% darker color. If you saturate the color by 10%, you get `4286400936`, and if you desaturate by 10%, it is `4287458216`.

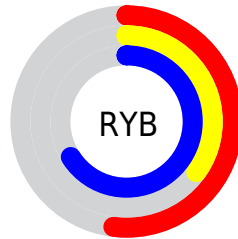
# Distribution



Red (52%)

Green (35%)

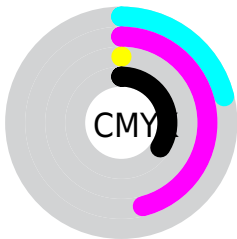
Blue (66%)



Red (52%)

Yellow (35%)

Blue (66%)

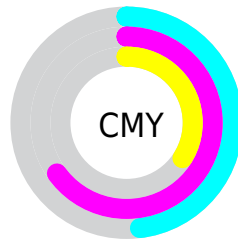


Cyan (21%)

Magenta (46%)

Yellow (0%)

Black (34%)



Cyan (48%)

Magenta (65%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286929576 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 4286929576 by changing the saturation by 10% instead.





4286929576



4286929576

4294967295



4285219469



4290547168



4283509363



4292389116



4281865050



4294296575



4280287299



4294959103



4278190124



4294966527



4278190358



4278190080



4286929576



4286929576



4286400936



4287458216

4285937832

4287921320

4285409448

4288449704

4284946344

4288912808

4284417704

4289441448

4284285096

4289904552

4290433192

4290896040

4291424680

# Harmonies

## Analogous

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



4282215356



4286929576



4289350277

# Triad

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



4286929576



4287914522



4278222973

# Complementary

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



4286929576



4286425178

# 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.



4278222419



4286929576



4285624339

# Square

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



4286929576



4289548855



4282612013



4278222499

# Rectangle

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



4286929576



4290004586



4282612013



4278222959



# Sweetspot

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



4286929576



4291739099



4284120488



4284832622



4293783021



4285427310



# Same Dimension

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



4286929576



4288962779



4289223332



4283452500



4283564180



4278910996



# Inverse Universe

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



4289223293



4292567192



4284131422



4283714640



4287889474

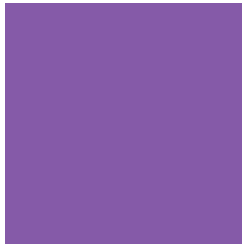


4279500809



# Previews

## White Background



This preview shows how the Android color 4286929576 looks on a white background.

## Color Contrast Check

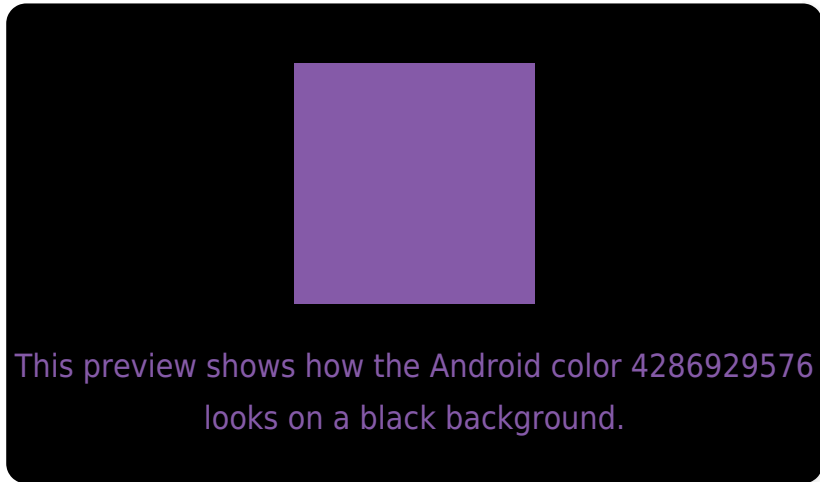
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286929576 Background



This preview shows how black text looks on a background with the Android color 4286929576.



This preview shows how white text looks on a background with the Android color 4286929576.

# 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



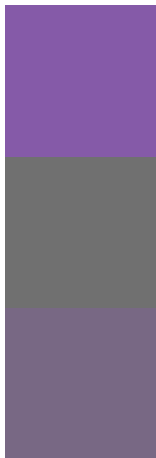
**Original Color**  
4286929576

**Protanomaly**  
4284572850

**Deuteranomaly**  
4284835237

**Tritanomaly**  
4286538372

# Monochromacy



**Original Color**  
4286929576

**Achromatopsia**  
4285558896

**Achromatomaly**  
4286081156

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286929576 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, 90, 168)` looks like.

```
.text, #text, p{  
    color:rgb(133, 90, 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, 90, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 90, 168) }
```

## Border

The CSS property to change the border of an element to Android 4286929576 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, 90, 168) }
```

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

```
.border{ border-color:rgb(133, 90, 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, 90, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 90, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 90, 168);  
box-shadow:4px 4px 4px 4px rgb(133, 90,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4286929576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 90, 168) }
```

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

```
.background{ background-color: rgb(133, 90,  
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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