

# Converting Colors

Android(4286601118)

Have a look what the booklet for  
Android(4286601118) contains.

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# Color

**Android(4286601118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80579E
RGB	128, 87, 158
RGB Percent	50%, 34%, 62%
CMY	0.4980, 0.6588, 0.3804
CMYK	0.19, 0.45, 0.00, 0.38
HSL	275°, 29%, 48%
HSV	275°, 45%, 62%
XYZ	18.4818, 13.8742, 34.0516
YIQ	107.3530, 1.6450, 30.7730

# Conversions

## Conversions Part 2

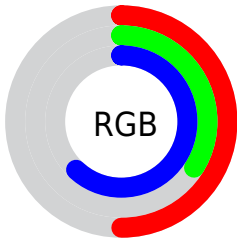
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 87, 158</a>
Decimal	<a href="#">8411038</a>
CIELab	<a href="#">44.05, 30.83, -32.22</a>
CIELCh	<a href="#">44, 44.590, 313.736</a>
Yxy	<a href="#">13.8742, 0.2783, 0.2089</a>
Android (android.graphics.Color)	<a href="#">4286601118 (0xFF80579E)</a>
YUV	<a href="#">107.3530, 24.9690, 18.1074</a>
Hunter-Lab	<a href="#">37.2481, 23.3843, -28.1283</a>

# Details

The Android color **4286601118** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4285898327**, and the grayscale version is **4285229931**.

A 20% lighter version of the original color is **4290153173**, and **4283246698** is the 20% darker color. If you saturate the color by 10%, you get **4286138270**, and if you desaturate by 10%, it is **4287063966**.

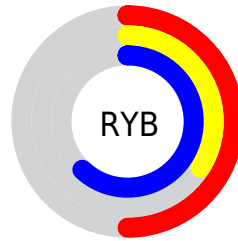
# Distribution



Red (50%)

Green (34%)

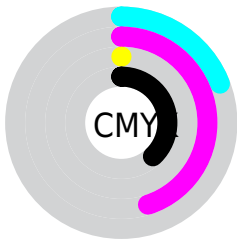
Blue (62%)



Red (50%)

Yellow (34%)

Blue (62%)

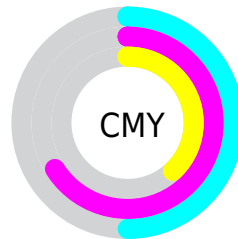


Cyan (19%)

Magenta (45%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (66%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286601118 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 4286601118 by changing the saturation by 10% instead.



 4286601118


 4286601118

4294967295

 4284891012

 4290153173

 4283246698

 4291994865

 4281602386

 4293902591

 4280090682

 4294958335

 4278190116

 4294965503

 4278190091

 4278190080

 4286601118

 4286601118

 4286138270

 4287063966

 4285740958

 4287461278

 4285278366

 4287923870

 4284815518

 4288386718

 4284418206

 4288784030

 4284154014

 4289246878

 4289709726

 4290106782

 4290569630

# Harmonies

## Analogous

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



4282541744



4286601118



4288760190

# Triad

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



4286601118



4287389469



4278221433

# Complementary

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



4286601118



4285898327

# 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.



4278221138



4286601118



4285295641

# Square

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



4286601118



4288892982



4282545199



4278220955

# Rectangle

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



4286601118



4289414501



4282545199



4278221420



# Sweetspot

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



4286601118



4291015887



4283922078



4284569705



4293454056



4285098345



# Same Dimension

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



4286601118



4288634831



4288567193



4283189071



4283564175



4278779919



# Inverse Universe

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



4288567157



4291780494



4283932252



4283385674



4287561788

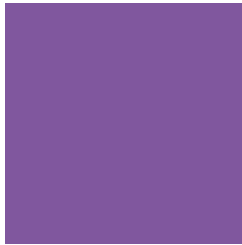


4279173126



# Previews

## White Background



This preview shows how the Android color 4286601118 looks on a white background.

## Color Contrast Check

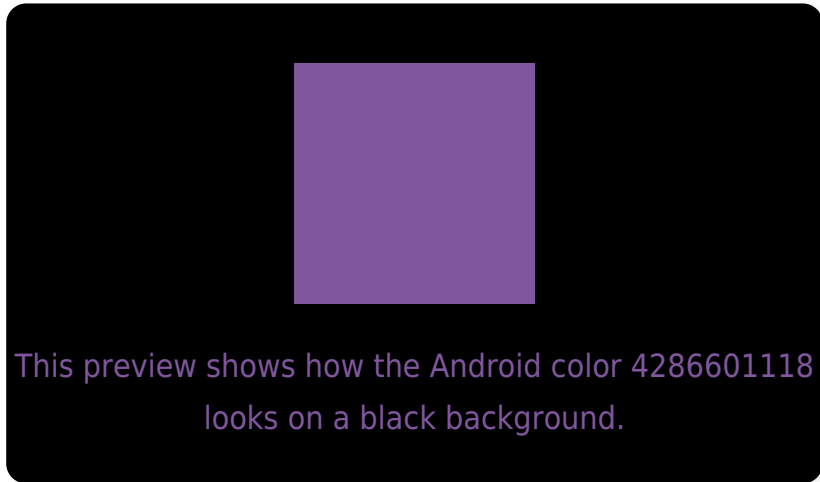
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286601118 Background



This preview shows how black text looks on a background with the Android color 4286601118.



This preview shows how white text looks on a background with the Android color 4286601118.

# 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**  
4286601118

**Protanopia**  
4283262635

**Deuteranopia**  
4283590811



# Trichromacy



**Original Color**  
4286601118

**Protanomaly**  
4284506534

**Deuteranomaly**  
4284703388

**Tritanomaly**  
4286275453

# Monochromacy



**Original Color**  
4286601118

**Achromatopsia**  
4285229931

**Achromatomaly**  
4285752446

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286601118 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(128, 87, 158)` looks like.

```
.text, #text, p{  
  color:rgb(128, 87, 158)  
}
```

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(128, 87, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 87, 158) }
```

## Border

The CSS property to change the border of an element to Android 4286601118 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(128, 87, 158) }
```

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

```
.border{ border-color:rgb(128, 87, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 87, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 87, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 87, 158);  
box-shadow:4px 4px 4px 4px rgb(128, 87,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4286601118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 87, 158) }
```

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

```
.background{ background-color: rgb(128, 87,  
158) }
```

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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