

# Converting Colors

Android(4286602112)

Have a look what the booklet for  
Android(4286602112) contains.

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# Color

**Android(4286602112)**

# Conversions

Conversions Part 1	
Format	Color
Hex	805B80
RGB	128, 91, 128
RGB Percent	50%, 36%, 50%
CMY	0.4980, 0.6431, 0.4980
CMYK	0.00, 0.29, 0.00, 0.50
HSL	300°, 17%, 43%
HSV	300°, 29%, 50%
XYZ	16.5395, 13.6299, 22.1812
YIQ	106.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

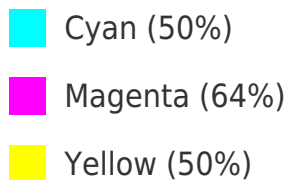
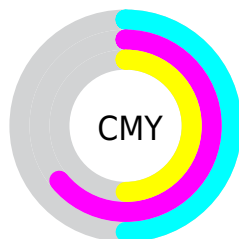
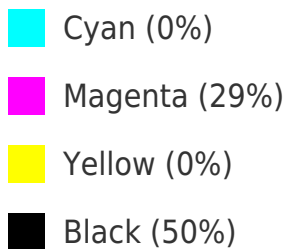
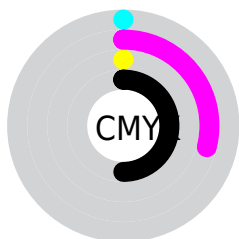
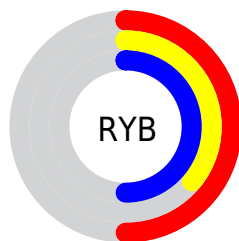
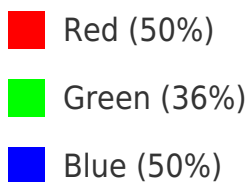
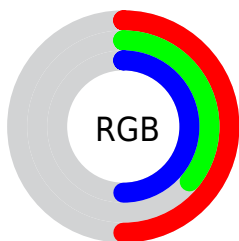
Format	Color
<a href="#">RYB</a>	<a href="#">128, 91, 128</a>
Decimal	<a href="#">8412032</a>
CIELab	<a href="#">43.70, 21.83, -14.75</a>
CIELCh	<a href="#">44, 26.348, 325.946</a>
Yxy	<a href="#">13.6299, 0.3159, 0.2604</a>
Android (android.graphics.Color)	<a href="#">4286602112</a> (0xFF805B80)
YUV	<a href="#">106.2810, 10.7075, 19.0476</a>
Hunter-Lab	<a href="#">36.9187, 15.3598, -9.7791</a>

# Details

The Android color `4286602112` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4284186715`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4290088629`, and `4283313231` is the 20% darker color. If you saturate the color by 10%, you get `4286598784`, and if you desaturate by 10%, it is `4286605440`.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4286602112 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 4286602112 by changing the saturation by 10% instead.



 4286602112

 4286602112

4294967295

 4284957543

 4290088629

 4283313231

 4291930320

 4281800504

 4293838061

 4280418338

 4294959359

 4278190089

 4294966527

 4278190080

 4286602112

 4286602112

 4286598784

 4286605440

 4286595456

 4286608768

 4286592384

 4286611840

 4286589056

 4286615168

 4286585728

 4286618496

 4286582400

 4286621824

 4286579072

 4286625152

 4286578816

 4286628224

 4286631552

# Harmonies

## Analogous

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



4284900238



4286602112



4287583851

# Triad

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



4286602112



4286080315



4278875002

# Complementary

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



4286602112



4284186715

# 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.



4281037667



4286602112



4284640319

# Square

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



4286602112



4287192388



4283002958



4279922827

# Rectangle

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



4286602112



4287780700



4283002958



4279595890



# Sweetspot

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



4286602112



4289107878



4284177280



4283714388



4292138196



4283716692



# Same Dimension

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



4286602112



4289096870



4286602094



4282399040



4286578816



4278190080



# Inverse Universe

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



4286602112



4289096870



4284186734



4282399040



4286578816

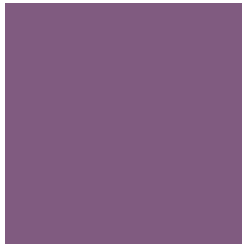


4278190080



# Previews

## White Background



This preview shows how the Android color 4286602112 looks on a white background.

## Color Contrast Check

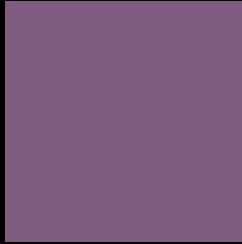
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286602112 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

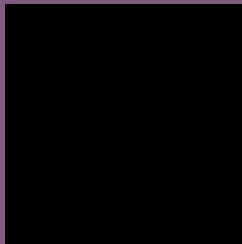
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286602112 Background



This preview shows how black text looks on a background with the Android color 4286602112.



This preview shows how white text looks on a background with the Android color 4286602112.

# 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**

4286602112

**Protanopia**

4284376712

**Deuteranopia**




4284900734



# Trichromacy

	<b>Original Color</b> 4286602112
	<b>Protanomaly</b> 4285162117
	<b>Deuteranomaly</b> 4285489535
	<b>Tritanomaly</b> 4286471792

# Monochromacy

	<b>Original Color</b> 4286602112
	<b>Achromatopsia</b> 4285164138
	<b>Achromatomaly</b> 4285687154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286602112 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, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 91, 128)  
}
```

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, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 91, 128) }
```

## Border

The CSS property to change the border of an element to Android 4286602112 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, 91, 128) }
```

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

```
.border{ border-color:rgb(128, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 91,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4286602112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 91, 128) }
```

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

```
.background{ background-color: rgb(128, 91,  
128) }
```

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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