

# Converting Colors

Android(4289086402)

Have a look what the booklet for  
Android(4289086402) contains.

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# Color

**Android(4289086402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A643C2
RGB	166, 67, 194
RGB Percent	65%, 26%, 76%
CMY	0.3490, 0.7373, 0.2392
CMYK	0.14, 0.65, 0.00, 0.24
HSL	287°, 51%, 51%
HSV	287°, 65%, 76%
XYZ	27.4706, 16.0163, 52.6825
YIQ	111.0790, 18.2370, 60.4850

# Conversions

## Conversions Part 2

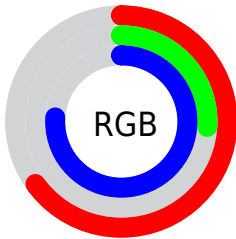
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 67, 194</a>
Decimal	<a href="#">10896322</a>
CIELab	<a href="#">47.00, 59.05, -48.40</a>
CIELCh	<a href="#">47, 76.349, 320.661</a>
Yxy	<a href="#">16.0163, 0.2856, 0.1665</a>
Android (android.graphics.Color)	<a href="#">4289086402 (0xFFA643C2)</a>
YUV	<a href="#">111.0790, 40.8801, 48.1657</a>
Hunter-Lab	<a href="#">40.0204, 52.4895, -50.0345</a>

# Details

The Android color `4289086402` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle muted purple. A complement of this color would be `4284465731`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4292901627`, and `4285399180` is the 20% darker color. If you saturate the color by 10%, you get `4288819394`, and if you desaturate by 10%, it is `4289353410`.

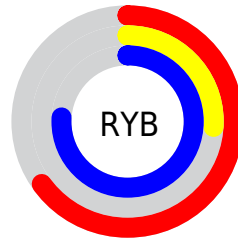
# Distribution



Red (65%)

Green (26%)

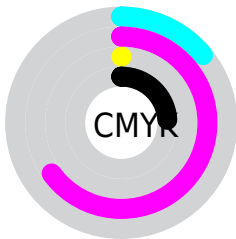
Blue (76%)



Red (65%)

Yellow (26%)

Blue (76%)

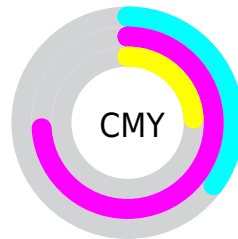


Cyan (14%)

Magenta (65%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (74%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289086402 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 4289086402 by changing the saturation by 10% instead.



 4289086402

 4289086402

4294967295

 4287243942

 4292901627

 4285399180

 4294874623

 4283629681

 4294947327

 4281860184

 4294954751

 4280221760

 4294962175

 4278190377

 4278190355

 4278190080

 4289086402

 4289086402

4288819394

4289353410

4288486594

4289686210

4288219586

4289953218

4288086210

4290220482

4290487490

4290820034

4291087298

4291354306

4291621570

# Harmonies

## Analogous

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



4280183017



4289086402



4292151942

# Triad

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



4289086402



4288177664



4278225563

# Complementary

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



4289086402



4284465731

# 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.



4278225240



4289086402



4284381440

# Square

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



4289086402



4291052800



4278223881



4278225107

# Rectangle

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



4289086402



4292673628



4278223881



4278225542



# Sweetspot

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



4289086402



4294036220



4282606018



4286144896



4278190080



4286611584



# Same Dimension

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



4289086402



4291835388



4290921376



4284438369



4286382241



4279894049



# Inverse Universe

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



4290921311



4294718817



4282630757



4284569433



4288741411



4280352775



# Previews

## White Background



This preview shows how the Android color 4289086402 looks on a white background.

## Color Contrast Check

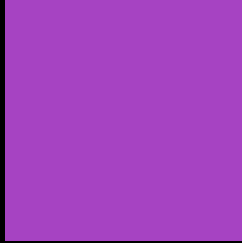
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289086402 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 4289086402 Background



This preview shows how black text looks on a background with the Android color 4289086402.



This preview shows how white text looks on a background with the Android color 4289086402.

# 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**

4289086402



**Protanomaly**

4282146264



**Deuteranomaly**

4284768445



**Tritanomaly**

4288566663

# Monochromacy



**Original Color**

4289086402



**Achromatopsia**

4285493103



**Achromatomaly**

4286799757

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289086402 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(166, 67, 194)` looks like.

```
.text, #text, p{  
    color:rgb(166, 67, 194)  
}
```

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(166, 67, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 67, 194) }
```

## Border

The CSS property to change the border of an element to Android 4289086402 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(166, 67, 194) }
```

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

```
.border{ border-color:rgb(166, 67, 194) }
```

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

Here you see how a box with a 4 pixel rgb(166, 67, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 67, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 67, 194);  
box-shadow:4px 4px 4px 4px rgb(166, 67,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4289086402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 67, 194) }
```

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

```
.background{ background-color: rgb(166, 67,  
194) }
```

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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