

# Converting Colors

Android(4289463794)

Have a look what the booklet for  
Android(4289463794) contains.

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**Color**

**Android(4289463794)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC05F2
RGB	172, 5, 242
RGB Percent	67%, 2%, 95%
CMY	0.3255, 0.9804, 0.0510
CMYK	0.29, 0.98, 0.00, 0.05
HSL	282°, 96%, 48%
HSV	282°, 98%, 95%
XYZ	33.0945, 15.2900, 85.2114
YIQ	81.9510, 23.4550, 109.1110

# Conversions

## Conversions Part 2

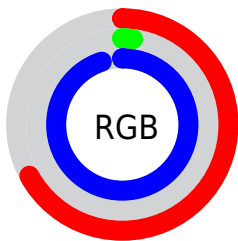
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 5, 242
Decimal	11273714
CIE Lab	46.03, 84.39, -77.36
CIE LCh	46, 114.484, 317.489
Yxy	15.2900, 0.2477, 0.1144
Android (android.graphics.Color)	4289463794 (0xFFAC05F2)
YUV	81.9510, 78.9042, 78.9730
Hunter-Lab	39.1024, 82.6451, -101.8321

# Details

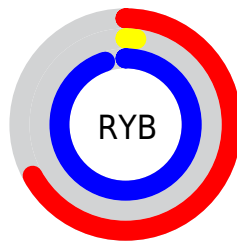
The Android color `4289463794` is a dark color, and the websafe version is hex `CC00FF`. The color can be described as middle saturated purple. A complement of this color would be `4283167237`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4293483519`, and `4285464760` is the 20% darker color. If you saturate the color by 10%, you get `4289396978`, and if you desaturate by 10%, it is `4289928690`.

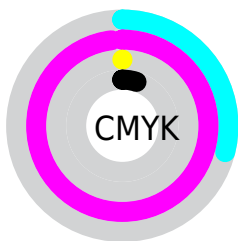
# Distribution



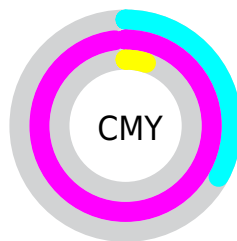
- Red (67%)
- Green (2%)
- Blue (95%)



- Red (67%)
- Yellow (2%)
- Blue (95%)



- Cyan (29%)
- Magenta (98%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (98%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289463794 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 4289463794 by changing the saturation by 10% instead.



 4289463794

 4289463794

4294967295

 4287496405

 4293483519

 4285464760

 4294932991

 4283433117

 4294940415

 4281204866

 4294948095

 4278190183

 4294955775

 4278190158

 4294963455

 4278191414

 4278190624

 4278190084

■ 4289463794

■ 4289463794

■ 4289396978

■ 4289928690

■ 4290393586

■ 4290858738

■ 4291389170

■ 4291854066

■ 4292318962

■ 4292783858

■ 4293249010

■ 4293713906

# Harmonies

## Analogous

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



4278217215



4289463794



4294574234

# Triad

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



4289463794



4289092096



4278226853

# Complementary

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



4289463794



4283167237

# 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.



4278225983



4289463794



4283333120

# Square

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



4289463794



4293132288



4278224640



4278226941

# Rectangle

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



4289463794



4294901851



4278224640



4278226564



# Sweetspot

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



4289463794



4293506559



4278537458



4285682560



4278190080



4286611584



# Same Dimension

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



4289463794



4289986815



4294051267



4285820024



4286644408



4280811576



# Inverse Universe

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



4294051147



4294901835



4278579764



4286082159



4290248758



4281860113



# Previews

## White Background



This preview shows how the Android color 4289463794 looks on a white background.

## Color Contrast Check

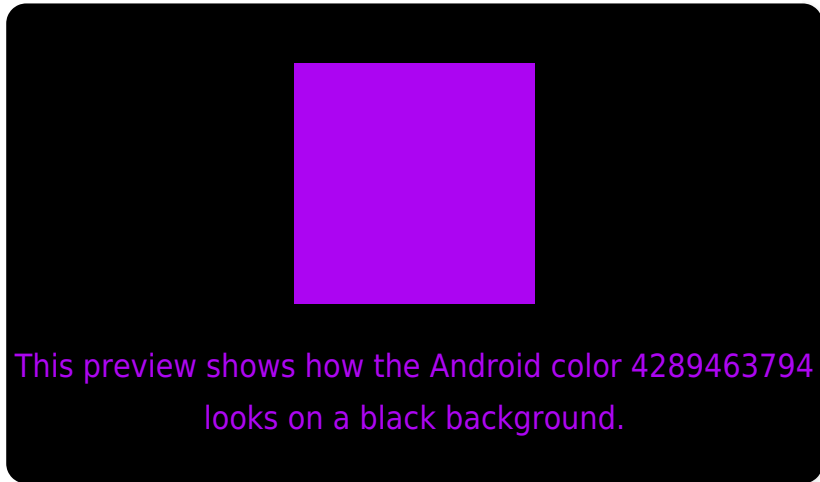
Large Text (above 18pt) WCAG AA ✓ Pass

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

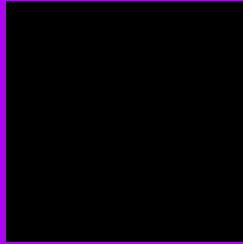
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4289463794 Background



This preview shows how black text looks on a background with the Android color 4289463794.



This preview shows how white text looks on a background with the Android color 4289463794.

# 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**

4289463794

**Protanopia**

4278217440

**Deuteranopia**

4278219202



# Trichromacy



**Original Color**

4289463794



**Protanomaly**

4282336743



**Deuteranomaly**

4282338003



**Tritanomaly**

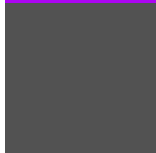
4288495257

# Monochromacy



**Original Color**

4289463794



**Achromatopsia**

4283585106



**Achromatomaly**

4285740684

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289463794 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(172, 5, 242)` looks like.

```
.text, #text, p{  
    color:rgb(172, 5, 242)  
}
```

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(172, 5, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 5, 242) }
```

## Border

The CSS property to change the border of an element to Android 4289463794 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(172, 5, 242) }
```

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

```
.border{ border-color:rgb(172, 5, 242) }
```

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

Here you see how a box with a 4 pixel rgb(172, 5, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 5, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 5, 242);  
box-shadow:4px 4px 4px 4px rgb(172, 5,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4289463794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 5, 242) }
```

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

```
.background{ background-color: rgb(172, 5,  
242) }
```

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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