

# Converting Colors

Android(4289015266)

Have a look what the booklet for  
Android(4289015266) contains.

<b>Android(4289015266)</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(4289015266)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A52DE2
RGB	165, 45, 226
RGB Percent	65%, 18%, 89%
CMY	0.3529, 0.8235, 0.1137
CMYK	0.27, 0.80, 0.00, 0.11
HSL	280°, 76%, 53%
HSV	280°, 80%, 89%
XYZ	30.1829, 15.3671, 73.3268
YIQ	101.5140, 13.4190, 81.7310

# Conversions

## Conversions Part 2

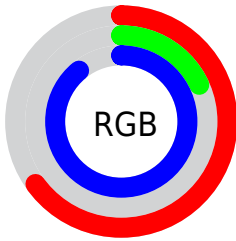
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 45, 226
Decimal	10825186
CIE <sub>Lab</sub>	46.13, 73.31, -68.18
CIE <sub>LCh</sub>	46, 100.114, 317.076
Yxy	15.3671, 0.2539, 0.1293
Android (android.graphics.Color)	4289015266 (0xFFA52DE2)
YUV	101.5140, 61.3716, 55.6772
Hunter-Lab	39.2009, 68.8354, -83.4637

# Details

The Android color **4289015266** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **4285194797**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4292963071**, and **4285137065** is the 20% darker color. If you saturate the color by 10%, you get **4288485090**, and if you desaturate by 10%, it is **4289545442**.

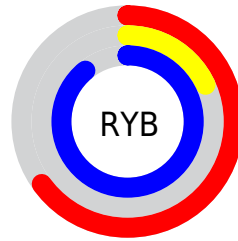
# Distribution



Red (65%)

Green (18%)

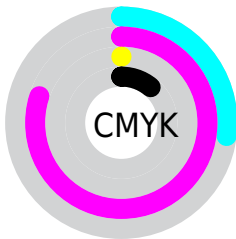
Blue (89%)



Red (65%)

Yellow (18%)

Blue (89%)

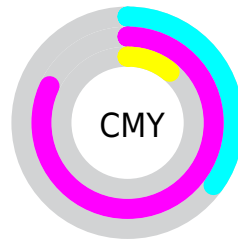


Cyan (27%)

Magenta (80%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (82%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289015266 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 4289015266 by changing the saturation by 10% instead.



 4289015266

 4289015266

4294967295

 4287103173

 4292963071

 4285137065

 4294936319

 4283236494

 4294943743

 4281139316

 4294951167

 4278386778

 4294958591

 4278190145

 4294966271

 4278190890

 4278190356

 4278190080

■ 4289015266

■ 4289015266

■ 4288485090

■ 4289545442

■ 4288020706

■ 4290009826

■ 4290540002

■ 4291004386

■ 4291534562

■ 4292064738

■ 4292529122

■ 4293059298

■ 4293589218

# Harmonies

## Analogous

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



4278217215



4289015266



4293460117

# Triad

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



4289015266



4288896000



4278226333

# Complementary

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



4289015266



4285194797

# 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.



4278225476



4289015266



4283987968

# Square

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



4289015266



4292417536



4278224128



4278226153

# Rectangle

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



4289015266



4294312030



4278224128



4278226048



# Sweetspot

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



4289015266



4293575423



4281167074



4285750144



4278190080



4286611584



# Same Dimension

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



4289015266



4289465087



4293012935



4285293936



4285857968



4280287280



# Inverse Universe

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



4293012842



4294904413



4281197128



4285556073



4289724475

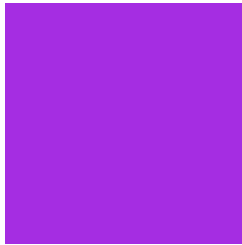


4281335824



# Previews

## White Background



This preview shows how the Android color 4289015266 looks on a white background.

## Color Contrast Check

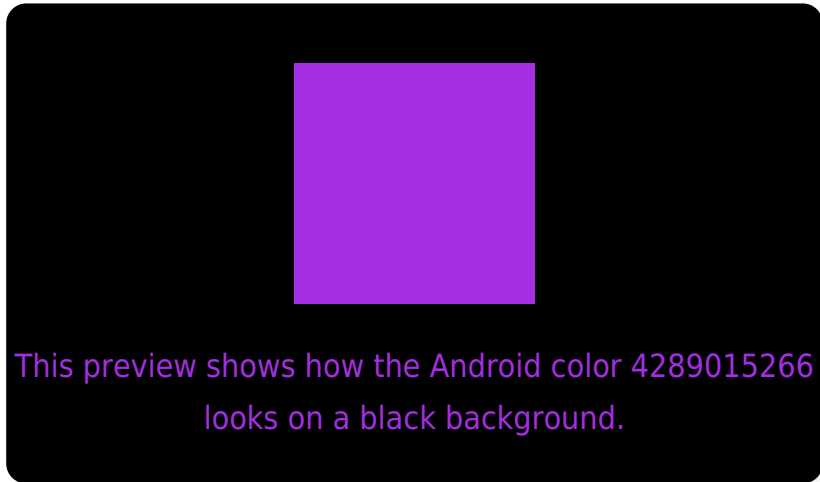
Large Text (above 18pt) WCAG AA ✓ Pass

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

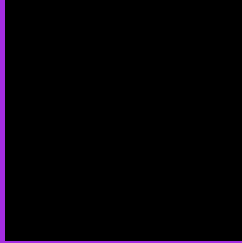
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4289015266 Background



This preview shows how black text looks on a background with the Android color 4289015266.



This preview shows how white text looks on a background with the Android color 4289015266.

# 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**  
4289015266

**Protanopia**  
4278217439

**Deuteranopia**  
4278218947



**Tritanopia**  
4287717479

# Trichromacy



**Original Color**

4289015266



**Protanomaly**

4282143968



**Deuteranomaly**

4282144974



**Tritanomaly**

4288171412

# Monochromacy



**Original Color**

4289015266



**Achromatopsia**

4284900966



**Achromatomaly**

4286402963

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289015266 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(165, 45, 226)` looks like.

```
.text, #text, p{  
    color:rgb(165, 45, 226)  
}
```

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(165, 45, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 45, 226) }
```

## Border

The CSS property to change the border of an element to Android 4289015266 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(165, 45, 226) }
```

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

```
.border{ border-color:rgb(165, 45, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 45, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 45, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 45, 226); box-shadow:4px 4px 4px 4px rgb(165, 45, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4289015266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 45, 226) }
```

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

```
.background{ background-color: rgb(165, 45,  
226) }
```

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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