

# Converting Colors

Android(4290714605)

Have a look what the booklet for  
Android(4290714605) contains.

<b>Android(4290714605)</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(4290714605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF1BED
RGB	191, 27, 237
RGB Percent	75%, 11%, 93%
CMY	0.2510, 0.8941, 0.0706
CMYK	0.19, 0.89, 0.00, 0.07
HSL	287°, 85%, 52%
HSV	287°, 89%, 93%
XYZ	37.1639, 17.9747, 81.6315
YIQ	99.9760, 30.3340, 100.0780

# Conversions

## Conversions Part 2

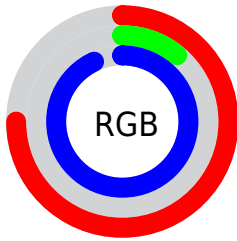
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 27, 237
Decimal	12524525
CIELab	49.47, 83.44, -68.82
CIELCh	49, 108.160, 320.486
Yxy	17.9747, 0.2717, 0.1314
Android (android.graphics.Color)	4290714605 (0xFFBF1BED)
YUV	99.9760, 67.5528, 79.8280
Hunter-Lab	42.3965, 82.2752, -84.4811

# Details

The Android color `4290714605` is a dark color, and the websafe version is hex `CC33FF`. The color can be described as middle washed purple. A complement of this color would be `4283034907`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4294731007`, and `4286775476` is the 20% darker color. If you saturate the color by 10%, you get `4290380781`, and if you desaturate by 10%, it is `4291048429`.

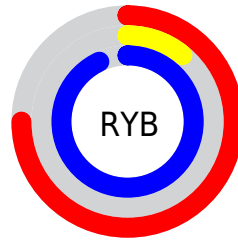
# Distribution



Red (75%)

Green (11%)

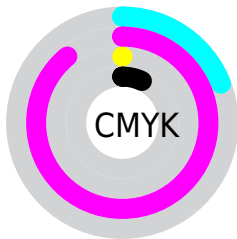
Blue (93%)



Red (75%)

Yellow (11%)

Blue (93%)

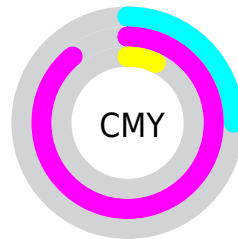


Cyan (19%)

Magenta (89%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (89%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290714605 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 4290714605 by changing the saturation by 10% instead.



 4290714605

 4290714605

4294967295

 4288741584

 4294731007

 4286775476

 4294935295

 4284874904

 4294942975

 4282908798

 4294950655

 4281008228

 4294958335

 4278190155

 4294966015

 4278191155

 4278190621

 4278190080

■ 4290714605

■ 4290714605

■ 4290380781

■ 4291048429

■ 4290314477

■ 4291381997

■ 4291781357

■ 4292115181

■ 4292448749

■ 4292782573

■ 4293116397

■ 4293515757

■ 4293849325

# Harmonies

## Analogous

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



4278217983



4290714605



4294901911

# Triad

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



4290714605



4289226752



4278229172

# Complementary

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



4290714605



4283034907

# 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.



4278228308



4290714605



4283532288

# Square

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



4290714605



4293272832



4278226944



4278228991

# Rectangle

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



4290714605



4294901851



4278226944



4278228885



# Sweetspot

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



4290714605



4293966591



4279979245



4286011264



4278190080



4286611584



# Same Dimension

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



4290714605



4291231999



4293729205



4285753973



4287430837



4280942646



# Inverse Universe

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



4293729097



4294901816



4280020307



4285885036



4290052136

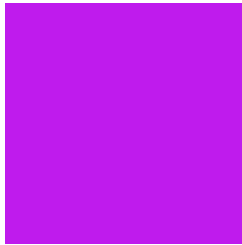


4281729036



# Previews

## White Background



This preview shows how the Android color 4290714605 looks on a white background.

## Color Contrast Check

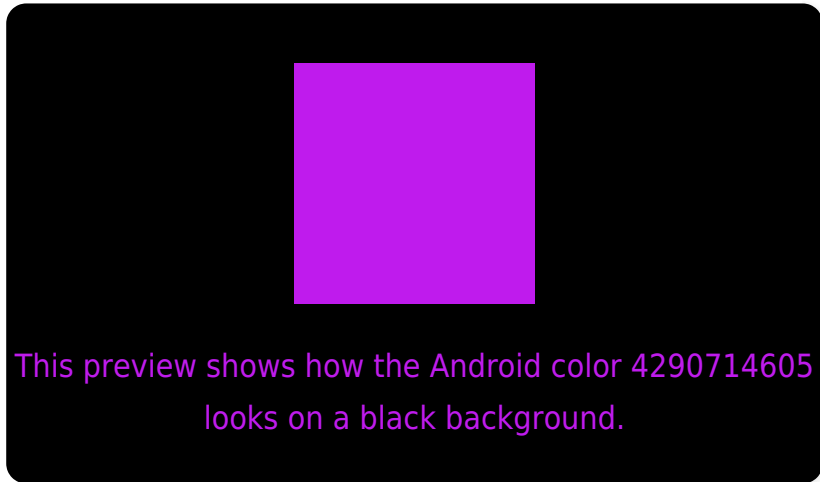
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

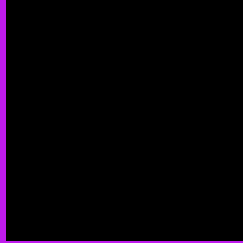
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290714605 Background



This preview shows how black text looks on a background with the Android color 4290714605.



This preview shows how white text looks on a background with the Android color 4290714605.

# 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**

4290714605



**Protanomaly**

4282733296



**Deuteranomaly**

4282734556



**Tritanomaly**

4289939095

# Monochromacy



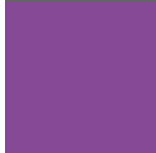
**Original Color**

4290714605



**Achromatopsia**

4284769380



**Achromatomaly**

4286925206

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290714605 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(191, 27, 237)` looks like.

```
.text, #text, p{  
    color:rgb(191, 27, 237)  
}
```

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(191, 27, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 27, 237) }
```

## Border

The CSS property to change the border of an element to Android 4290714605 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(191, 27, 237) }
```

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

```
.border{ border-color:rgb(191, 27, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 27, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 27, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 27, 237);  
box-shadow:4px 4px 4px 4px rgb(191, 27,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4290714605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 27, 237) }
```

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

```
.background{ background-color: rgb(191, 27,  
237) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**