

# Converting Colors

Android(4294918365)

Have a look what the booklet for  
Android(4294918365) contains.

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**Color**

**Android(4294918365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF40DD
RGB	255, 64, 221
RGB Percent	100%, 25%, 87%
CMY	0.0000, 0.7490, 0.1333
CMYK	0.00, 0.75, 0.13, 0.00
HSL	311°, 100%, 63%
HSV	311°, 75%, 100%
XYZ	56.1245, 30.1472, 71.2675
YIQ	139.0070, 63.4390, 89.3190

# Conversions

## Conversions Part 2

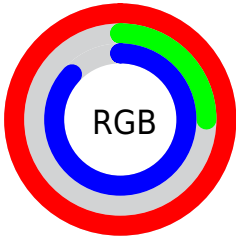
Format	Color
<a href="#">RYB</a>	<a href="#">255, 64, 221</a>
Decimal	<a href="#">16728285</a>
CIELab	<a href="#">61.78, 84.21, -39.54</a>
CIELCh	<a href="#">62, 93.036, 334.847</a>
Yxy	<a href="#">30.1472, 0.3563, 0.1914</a>
Android (android.graphics.Color)	<a href="#">4294918365 (0xFFFF40DD)</a>
YUV	<a href="#">139.0070, 40.4225, 101.7259</a>
Hunter-Lab	<a href="#">54.9065, 86.3734, -38.5226</a>

# Details

The Android color `4294918365` is a light color, and the websafe version is hex `FF33CC`. The color can be described as light washed magenta. A complement of this color would be `4282449762`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4294935295`, and `4290904229` is the 20% darker color. If you saturate the color by 10%, you get `4294911704`, and if you desaturate by 10%, it is `4294925026`.

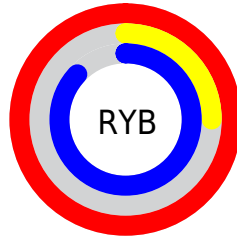
# Distribution



Red (100%)

Green (25%)

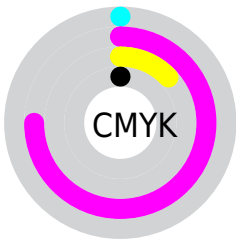
Blue (87%)



Red (100%)

Yellow (25%)

Blue (87%)

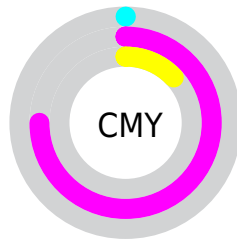


Cyan (0%)

Magenta (75%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294918365 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 4294918365 by changing the saturation by 10% instead.



 4294918365

 4294918365

4294967295

 4292872897

 4294935295

 4290904229

 4294942975

 4288938123

 4294950655

 4287037553

 4294958591

 4285071448

 4294966271

 4283301952

 4281401385

 4278517778

 4278190080

■ 4294918365

■ 4294918365

■ 4294911704

■ 4294925026

■ 4294905300

■ 4294931430

■ 4294901970

■ 4294938091

■ 4294944495

■ 4294951156

■ 4294957560

■ 4294964221

4294967295

# Harmonies

## Analogous

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



4288641279



4294918365



4294901900

# Triad

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



4294918365



4289304320



4278237170

# Complementary

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



4294918365



4282449762

# 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.



4278237345



4294918365



4283345408

# Square

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



4294918365



4293555456



4278236233



4278235391

# Rectangle

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



4294918365



4294913366



4278236233



4278237401



# Sweetspot

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



4294918365



4294952949



4284498175



4286602874



4278190080



4286611584



# Same Dimension

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



4294918365



4294908374



4294918272



4286608253



4290707613



4282384436



# Inverse Universe

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



4294918365



4294908374



4282449855



4286608253



4290707613



4282384436



# Previews

## White Background



This preview shows how the Android color 4294918365 looks on a white background.

## Color Contrast Check

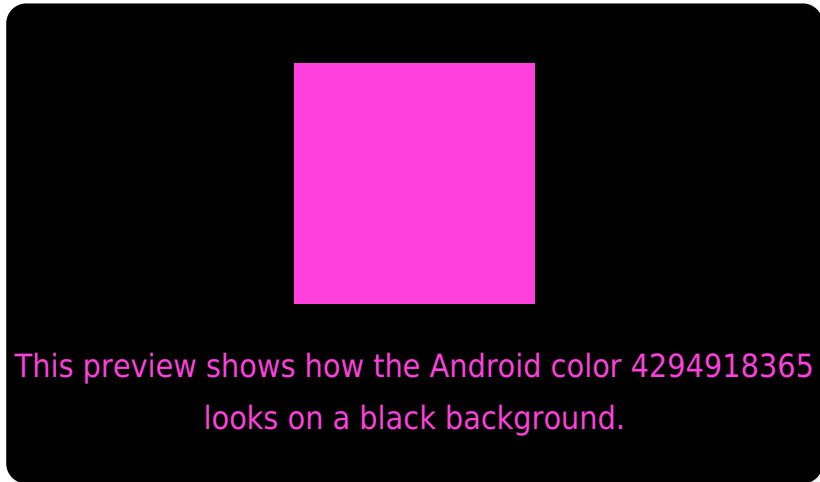
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

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 ✓ Pass

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



# Android 4294918365 Background



This preview shows how black text looks on a background with the Android color 4294918365.



This preview shows how white text looks on a background with the Android color 4294918365.

# 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**

4294918365



**Protanomaly**

4288509171



**Deuteranomaly**

4289689045



**Tritanomaly**

4294465686

# Monochromacy



**Original Color**

4294918365



**Achromatopsia**

4287335307



**Achromatomaly**

4290080937

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294918365 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(255, 64, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 221)  
}
```

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(255, 64, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 221) }
```

## Border

The CSS property to change the border of an element to Android 4294918365 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(255, 64, 221) }
```

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

```
.border{ border-color:rgb(255, 64, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4294918365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 221) }
```

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

```
.background{ background-color: rgb(255, 64,  
221) }
```

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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