

# Converting Colors

Android(4294918364)

Have a look what the booklet for  
Android(4294918364) contains.

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**Color**

**Android(4294918364)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF40DC
RGB	255, 64, 220
RGB Percent	100%, 25%, 86%
CMY	0.0000, 0.7490, 0.1373
CMYK	0.00, 0.75, 0.14, 0.00
HSL	311°, 100%, 63%
HSV	311°, 75%, 100%
XYZ	55.9917, 30.0941, 70.5678
YIQ	138.8930, 63.7600, 89.0080

# Conversions

## Conversions Part 2

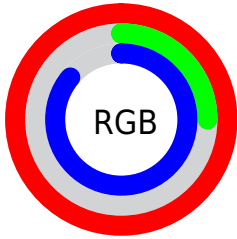
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 64, 220
Decimal	16728284
CIE Lab	61.74, 84.08, -39.05
CIE LCh	62, 92.707, 335.086
Yxy	30.0941, 0.3574, 0.1921
Android (android.graphics.Color)	4294918364 (0xFFFF40DC)
YUV	138.8930, 39.9858, 101.8258
Hunter-Lab	54.8581, 86.1868, -37.8682

# Details

The Android color `4294918364` 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 `4282449763`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294935295`, and `4290904228` is the 20% darker color. If you saturate the color by 10%, you get `4294911703`, and if you desaturate by 10%, it is `4294925025`.

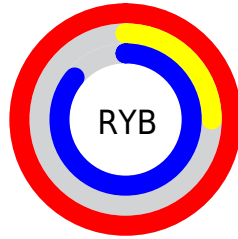
# Distribution



Red (100%)

Green (25%)

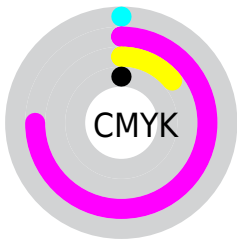
Blue (86%)



Red (100%)

Yellow (25%)

Blue (86%)

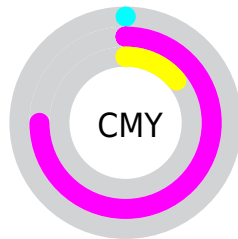


Cyan (0%)

Magenta (75%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294918364 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 4294918364 by changing the saturation by 10% instead.





4294918364



4294918364

4294967295



4292872896



4294935295



4290904228



4294942975



4288938122



4294950655



4287037552



4294958591



4285071447



4294966271



4283301951



4281401384



4278517777



4278190080

 4294918364

 4294918364

 4294911703

 4294925025

 4294905299

 4294931429

 4294901968

 4294938090

 4294944495

 4294951155

 4294957560

 4294964221

4294967295

# Harmonies

## Analogous

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



4288706559



4294918364



4294902411

# Triad

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



4294918364



4289238784



4278237170

# Complementary

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



4294918364



4282449763

# 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.



4278237089



4294918364



4283345408

# Square

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



4294918364



4293555456



4278235978



4278235391

# Rectangle

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



4294918364



4294913622



4278235978



4278237401



# Sweetspot

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



4294918364



4294952949



4284498175



4286602873



4278190080



4286611584



# Same Dimension

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



4294918364



4294908373



4294918272



4286608253



4290707612



4282384436



# Inverse Universe

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



4294918364



4294908373



4282449855



4286608253



4290707612

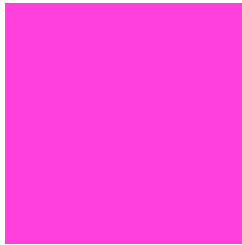


4282384436



# Previews

## White Background



This preview shows how the Android color 4294918364 looks on a white background.

## Color Contrast Check

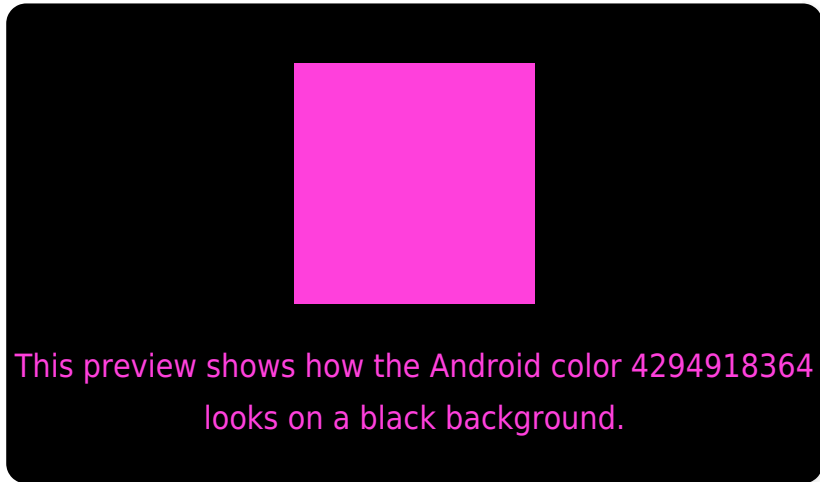
Large Text (above 18pt) WCAG AA × Fail

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 4294918364 Background



This preview shows how black text looks on a background with the Android color 4294918364.



This preview shows how white text looks on a background with the Android color 4294918364.

# 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**

4294918364



**Protanomaly**

4288509170



**Deuteranomaly**

4289689044



**Tritanomaly**

4294465685

# Monochromacy



**Original Color**

4294918364



**Achromatopsia**

4287335307



**Achromatomaly**

4290080936

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294918364 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 220) }
```

## Border

The CSS property to change the border of an element to Android 4294918364 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, 220) }
```

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

```
.border{ border-color:rgb(255, 64, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
220) }
```

# Background

The CSS property to change the background color of an element to Android 4294918364 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, 220) }
```

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

```
.background{ background-color: rgb(255, 64,  
220) }
```

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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