

# Converting Colors

Android(4294912488)

Have a look what the booklet for  
Android(4294912488) contains.

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# **Color**

**Android(4294912488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF29E8
RGB	255, 41, 232
RGB Percent	100%, 16%, 91%
CMY	0.0000, 0.8392, 0.0902
CMYK	0.00, 0.84, 0.09, 0.00
HSL	306°, 100%, 58%
HSV	306°, 84%, 100%
XYZ	56.5984, 28.6721, 78.8951
YIQ	126.7600, 66.2330, 104.7690

# Conversions

## Conversions Part 2

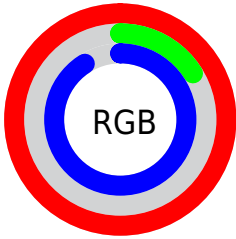
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 41, 232
Decimal	16722408
CIE <sub>Lab</sub>	60.49, 90.95, -47.75
CIE <sub>LCh</sub>	60, 102.726, 332.298
Yxy	28.6721, 0.3448, 0.1747
Android (android.graphics.Color)	4294912488 (0xFFFF29E8)
YUV	126.7600, 51.8833, 112.4665
Hunter-Lab	53.5463, 94.9684, -49.8755

# Details

The Android color `4294912488` is a light color, and the websafe version is hex `FF33FF`. The color can be described as light washed magenta. A complement of this color would be `4280942400`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4294931711`, and `4290904240` is the 20% darker color. If you saturate the color by 10%, you get `4294906085`, and if you desaturate by 10%, it is `4294918891`.

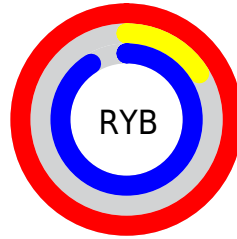
# Distribution



Red (100%)

Green (16%)

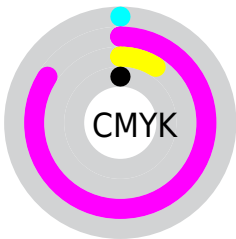
Blue (91%)



Red (100%)

Yellow (16%)

Blue (91%)

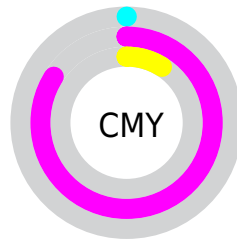


Cyan (0%)

Magenta (84%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294912488 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 4294912488 by changing the saturation by 10% instead.



 4294912488

 4294912488

4294967295

 4292870347

 4294931711

 4290904240

 4294939903

 4288872597

 4294947839


 4286972026

 4294955775

 4285005921

 4294963455

 4283236424

 4281204785

 4278321178

 4278190080

■ 4294912488

■ 4294912488

■ 4294906085

■ 4294918891

■ 4294901988

■ 4294925549

■ 4294932208

■ 4294938611

■ 4294945270

■ 4294951672

■ 4294958331

■ 4294964734

4294967295

# Harmonies

## Analogous

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



4287198719



4294912488



4294901903

# Triad

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



4294912488



4289433856



4278236914

# Complementary

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



4294912488



4280942400

# 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.



4278236823



4294912488



4282951424

# Square

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



4294912488



4294011136



4278235443



4278235391

# Rectangle

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



4294912488



4294901844



4278235443



4278237141



# Sweetspot

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



4294912488



4294950904



4282264063



4286601595



4278190080



4286611584



# Same Dimension

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



4294912488



4294901988



4294912383



4286608254



4290707627



4282384441



# Inverse Universe

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



4294912488



4294901988



4280942505



4286608254



4290707627



4282384441



# Previews

## White Background



This preview shows how the Android color 4294912488 looks on a white background.

## Color Contrast Check

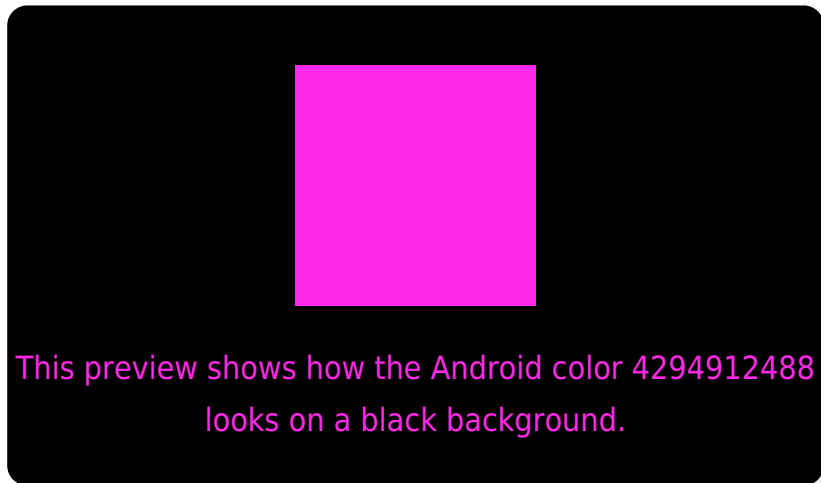
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

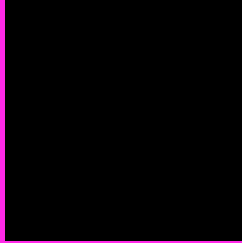
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4294912488 Background



This preview shows how black text looks on a background with the Android color 4294912488.



This preview shows how white text looks on a background with the Android color 4294912488.

# 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**

4294912488

**Protanopia**

4284321791

**Deuteranopia**

4285632987



# Trichromacy



**Original Color**

4294912488



**Protanomaly**

4288178935



**Deuteranomaly**

4289031136



**Tritanomaly**

4294397334

# Monochromacy



**Original Color**

4294912488



**Achromatopsia**

4286545791



**Achromatomaly**

4289618085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294912488 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, 41, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 232)  
}
```

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, 41, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 232) }
```

## Border

The CSS property to change the border of an element to Android 4294912488 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, 41, 232) }
```

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

```
.border{ border-color:rgb(255, 41, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 41, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4294912488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 232) }
```

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

```
.background{ background-color: rgb(255, 41,  
232) }
```

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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