

Converting Colors

Android(4294917612)

Have a look what the booklet for
Android(4294917612) contains.

Android(4294917612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294917612)

Conversions

Conversions Part 1

Format	Color
Hex	FF3DEC
RGB	255, 61, 236
RGB Percent	100%, 24%, 93%
CMY	0.0000, 0.7608, 0.0745
CMYK	0.00, 0.76, 0.07, 0.00
HSL	306°, 100%, 62%
HSV	306°, 76%, 100%
XYZ	58.0491, 30.6536, 82.2141
YIQ	138.9560, 59.4490, 95.5530

Conversions

Conversions Part 2

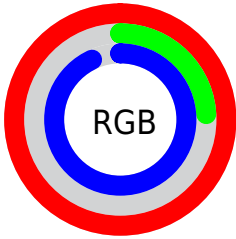
Format	Color
R _Y B	255, 61, 236
Decimal	16727532
CIE Lab	62.21, 87.09, -47.27
CIE LCh	62, 99.089, 331.508
Yxy	30.6536, 0.3396, 0.1793
Android (android.graphics.Color)	4294917612 (0xFFFF3DEC)
YUV	138.9560, 47.8427, 101.7706
Hunter-Lab	55.3657, 90.2612, -49.2854

Details

The Android color `4294917612` 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 `4282253136`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4294934783`, and `4290904243` is the 20% darker color. If you saturate the color by 10%, you get `4294910954`, and if you desaturate by 10%, it is `4294924270`.

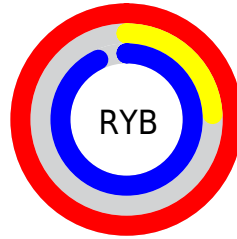
Distribution



Red (100%)

Green (24%)

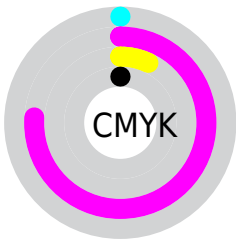
Blue (93%)



Red (100%)

Yellow (24%)

Blue (93%)

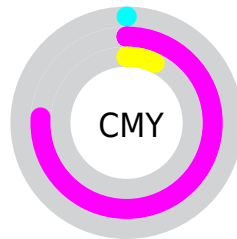


Cyan (0%)

Magenta (76%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294917612 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 4294917612 by changing the saturation by 10% instead.

 4294917612

 4294917612

4294967295

 4292870351

 4294934783

 4290904243

 4294942719

 4288938136

 4294950399


 4286972030

 4294958335

 4285071460

 4294966015

 4283236428

 4281335860

 4278714397

 4278190080

■ 4294917612

■ 4294917612

■ 4294910954

■ 4294924270

■ 4294904551

■ 4294930673

■ 4294901990

■ 4294937331

■ 4294943734

■ 4294950392

■ 4294956795

■ 4294963453

4294967295

Harmonies

Analogous

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



4287397119



4294917612



4294901910

Triad

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



4294917612



4289959168



4278237937

Complementary

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



4294917612



4282253136

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.



4278237849



4294917612



4283869696

Square

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



4294917612



4294340096



4278236473



4278236415

Rectangle

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



4294917612



4294901853



4278236473



4278238165

Sweetspot

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



4294917612



4294952185



4283252223



4286602364



4278190080



4286611584

Same Dimension

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



4294917612



4294907880



4294917518



4286608254



4290707629



4282384442

Inverse Universe

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



4294917612



4294907880



4282253230



4286608254



4290707629



4282384442

Previews

White Background



This preview shows how the Android color 4294917612 looks on a white background.

Color Contrast Check

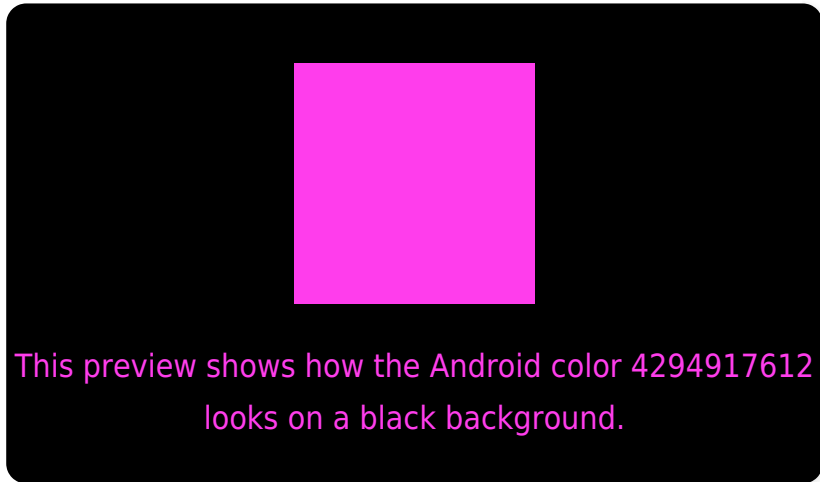
Large Text (above 18pt) WCAG AA × Fail

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 4294917612 Background



This preview shows how black text looks on a background with the Android color 4294917612.



This preview shows how white text looks on a background with the Android color 4294917612.

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





Tritanopia
4294077041

Trichromacy



Original Color
4294917612



Protanomaly
4288574712



Deuteranomaly
4289230564



Tritanomaly
4294400670

Monochromacy



Original Color
4294917612



Achromatopsia
4287335307



Achromatomaly
4290080686

CSS Examples

Text

The CSS property to change the color of the text to Android 4294917612 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, 61, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 236)  
}
```

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, 61, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 236) }
```

Border

The CSS property to change the border of an element to Android 4294917612 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, 61, 236) }
```

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

```
.border{ border-color:rgb(255, 61, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
236) }
```

Background

The CSS property to change the background color of an element to Android 4294917612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 236) }
```

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

```
.background{ background-color: rgb(255, 61,  
236) }
```

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