

Converting Colors

Android(4294072016)

Have a look what the booklet for
Android(4294072016) contains.

Android(4294072016)	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(4294072016)

Conversions

Conversions Part 1

Format	Color
Hex	F256D0
RGB	242, 86, 208
RGB Percent	95%, 34%, 82%
CMY	0.0510, 0.6627, 0.1843
CMYK	0.00, 0.64, 0.14, 0.05
HSL	313°, 86%, 64%
HSV	313°, 64%, 95%
XYZ	51.3309, 30.0869, 62.7764
YIQ	146.5520, 53.8140, 71.0140

Conversions

Conversions Part 2

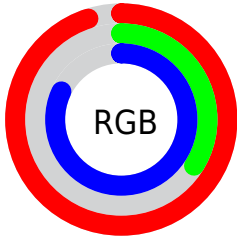
Format	Color
R _Y B	242, 86, 208
Decimal	15881936
CIE _{Lab}	61.73, 72.14, -32.44
CIE _{LCh}	62, 79.098, 335.784
Yxy	30.0869, 0.3560, 0.2087
Android (android.graphics.Color)	4294072016 (0xFFFF256D0)
YUV	146.5520, 30.2939, 83.7079
Hunter-Lab	54.8515, 71.0529, -29.4601

Details

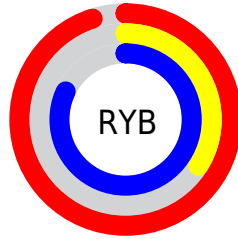
The Android color `4294072016` is a light color, and the websafe version is hex `FF66CC`. The color can be described as light muted magenta. A complement of this color would be `4283888248`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4294939135`, and `4290118297` is the 20% darker color. If you saturate the color by 10%, you get `4294065867`, and if you desaturate by 10%, it is `4294078165`.

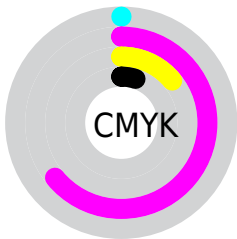
Distribution



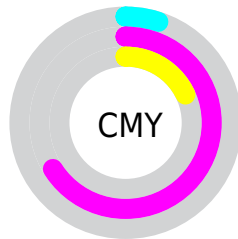
- Red (95%)
- Green (34%)
- Blue (82%)



- Red (95%)
- Yellow (34%)
- Blue (82%)



- Cyan (0%)
- Magenta (64%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (66%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294072016 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 4294072016 by changing the saturation by 10% instead.

 4294072016

 4294072016

4294967295

 4292097716

 4294939135

 4290118297

 4294946559

 4288217215

 4294953983

 4286316646

 4294961663

 4284481613

 4282777654

 4280877088

 4278190082

 4278190080

 4294072016

 4294072016

 4294065867

 4294078165

 4294059717

 4294084315

 4294053312

 4294090720

 4294049981

 4294096869

 4294103018

 4294109168

 4294115317

 4294115322

 4294115327

Harmonies

Analogous

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



4289035519



4294072016



4294918795

Triad

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



4294072016



4289173248



4278236134

Complementary

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



4294072016



4283888248

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.



4278236321



4294072016



4284262144

Square

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



4294072016



4292901888



4278235224



4278234111

Rectangle

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



4294072016



4294921821



4278235224



4278236368

Sweetspot

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



4294072016



4294954996



4286076658



4286603897



4278190080



4286611584

Same Dimension

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



4294072016



4294917076



4294071938



4286082165



4290248848



4281860140

Inverse Universe

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



4294072016



4294917076



4283888326



4286082165



4290248848



4281860140

Previews

White Background



This preview shows how the Android color 4294072016 looks on a white background.

Color Contrast Check

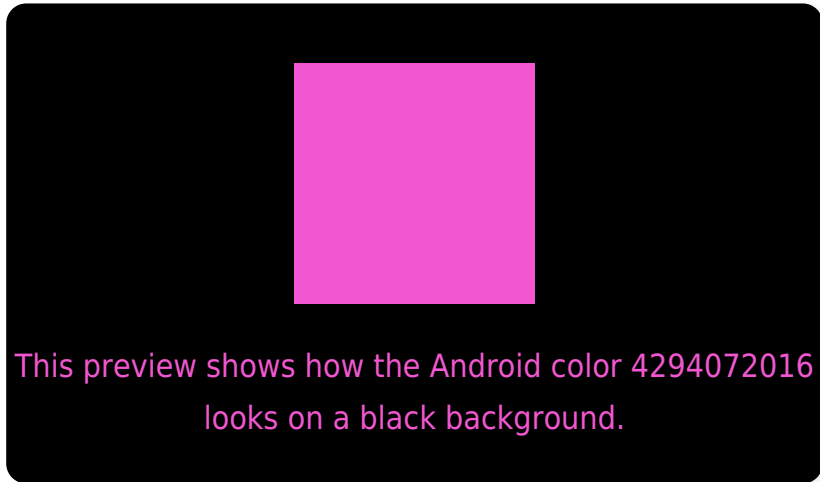
Large Text (above 18pt) WCAG AA × Fail

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 4294072016 Background



This preview shows how black text looks on a background with the Android color 4294072016.



This preview shows how white text looks on a background with the Android color 4294072016.

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
4294072016



Protanomaly
4288249070



Deuteranomaly
4289691082

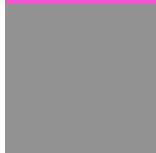


Tritanomaly
4293682839

Monochromacy



Original Color
4294072016



Achromatopsia
4287861651



Achromatomaly
4290149801

CSS Examples

Text

The CSS property to change the color of the text to Android 4294072016 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(242, 86, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 86, 208)  
}
```

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(242, 86, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 86, 208) }
```

Border

The CSS property to change the border of an element to Android 4294072016 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(242, 86, 208) }
```

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

```
.border{ border-color:rgb(242, 86, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 86, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 86, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 86, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 86,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4294072016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 86, 208) }
```

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

```
.background{ background-color: rgb(242, 86,  
208) }
```

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