

Converting Colors

Android(4294923775)

Have a look what the booklet for
Android(4294923775) contains.

Android(4294923775)	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(4294923775)

Conversions

Conversions Part 1

Format	Color
Hex	FF55FF
RGB	255, 85, 255
RGB Percent	100%, 33%, 100%
CMY	0.0000, 0.6667, 0.0000
CMYK	0.00, 0.67, 0.00, 0.00
HSL	300°, 100%, 67%
HSV	300°, 67%, 100%
XYZ	62.5385, 34.9770, 98.0628
YIQ	155.2100, 46.7500, 88.9100

Conversions

Conversions Part 2

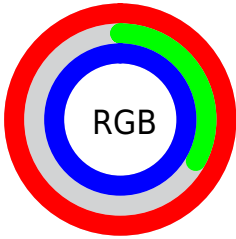
Format	Color
RYB	255, 85, 255
Decimal	16733695
CIELab	65.73, 82.60, -52.23
CIELCh	66, 97.723, 327.694
Yxy	34.9770, 0.3198, 0.1788
Android (android.graphics.Color)	4294923775 (0xFFFF55FF)
YUV	155.2100, 49.1965, 87.5158
Hunter-Lab	59.1414, 85.2559, -56.9104

Details

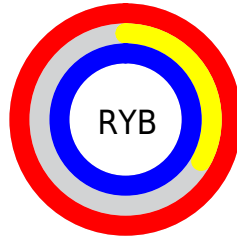
The Android color `4294923775` is a light color, and the websafe version is hex `FF66FF`. The color can be described as light muted magenta. A complement of this color would be `4283826005`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4294939391`, and `4290904262` is the 20% darker color. If you saturate the color by 10%, you get `4294917119`, and if you desaturate by 10%, it is `4294930175`.

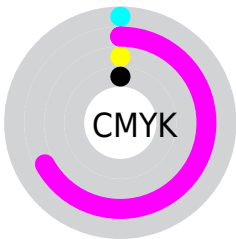
Distribution



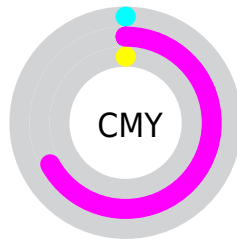
- Red (100%)
- Green (33%)
- Blue (100%)



- Red (100%)
- Yellow (33%)
- Blue (100%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294923775 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 4294923775 by changing the saturation by 10% instead.

 4294923775

 4294923775

4294967295

 4292882914

 4294939391

 4290904262

 4294947071

 4289003690

 4294954751

 4287037583

 4294962687

 4285202548

 4283301979

 4281466947

 4279238699

 4278190357

■ 4294923775

■ 4294923775

■ 4294917119

■ 4294930175

■ 4294910719

■ 4294936831

■ 4294904063

■ 4294943487

■ 4294902015

■ 4294949887

■ 4294956287

■ 4294962943

4294967295

Harmonies

Analogous

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



4286548991



4294923775



4294903722

Triad

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



4294923775



4291271168



4278240496

Complementary

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



4294923775



4283826005

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.



4278240406



4294923775



4285575680

Square

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



4294923775



4294930944



4278238774



4278239231

Rectangle

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



4294923775



4294909553



4278238774



4278240723

Sweetspot

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



4294923775



4294954239



4283782655



4286603648



4278190080



4286611584

Same Dimension

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



4294923775



4294915071



4294923690



4286608256



4290707647



4282384448

Inverse Universe

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



4294923775



4294915071



4283826090



4286608256



4290707647



4282384448

Previews

White Background



This preview shows how the Android color 4294923775 looks on a white background.

Color Contrast Check

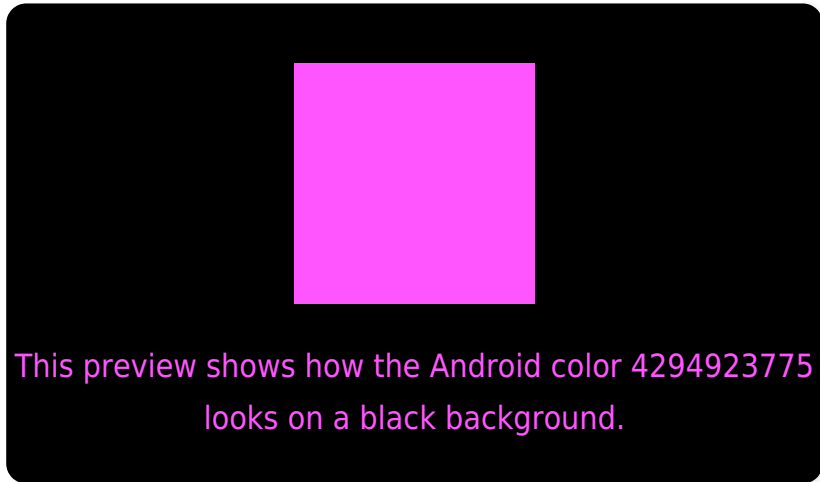
Large Text (above 18pt) WCAG AA × Fail

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

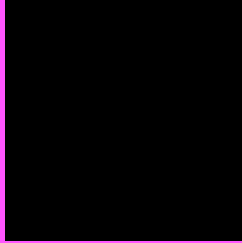
Any Text WCAG AA ✓ Pass

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 4294923775 Background



This preview shows how black text looks on a background with the Android color 4294923775.



This preview shows how white text looks on a background with the Android color 4294923775.

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

4294923775

Protanopia

4286094847

Deuteranopia

4286029811

Trichromacy



Original Color

4294923775



Protanomaly

4289299455



Deuteranomaly

4289234167



Tritanomaly

4294340273

Monochromacy



Original Color

4294923775



Achromatopsia

4288387995



Achromatomaly

4290740927

CSS Examples

Text

The CSS property to change the color of the text to Android 4294923775 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, 85, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 255)  
}
```

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, 85, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 255) }
```

Border

The CSS property to change the border of an element to Android 4294923775 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, 85, 255) }
```

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

```
.border{ border-color:rgb(255, 85, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 85, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4294923775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 255) }
```

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

```
.background{ background-color: rgb(255, 85,  
255) }
```

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