

Converting Colors

Android(4291756275)

Have a look what the booklet for
Android(4291756275) contains.

Android(4291756275)	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(4291756275)

Conversions

Conversions Part 1

Format	Color
Hex	CF00F3
RGB	207, 0, 243
RGB Percent	81%, 0%, 95%
CMY	0.1882, 1.0000, 0.0471
CMYK	0.15, 1.00, 0.00, 0.05
HSL	291°, 100%, 48%
HSV	291°, 100%, 95%
XYZ	41.9098, 19.7365, 86.3946
YIQ	89.5950, 45.3690, 119.4570

Conversions

Conversions Part 2

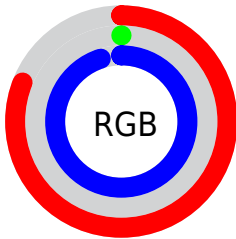
Format	Color
RYB	207, 0, 243
Decimal	13566195
CIELab	51.54, 89.45, -68.71
CIELCh	52, 112.797, 322.471
Yxy	19.7365, 0.2831, 0.1333
Android (android.graphics.Color)	4291756275 (0xFFCF00F3)
YUV	89.5950, 75.6287, 102.9642
Hunter-Lab	44.4257, 90.6460, -84.2031

Details

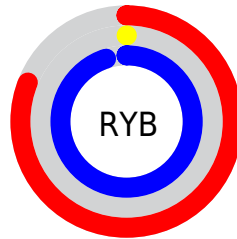
The Android color `4291756275` is a light color, and the websafe version is hex `CC00FF`. The color can be described as light saturated magenta. A complement of this color would be `4280611584`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4294926591`, and `4287824058` is the 20% darker color. If you saturate the color by 10%, you get `4291756275`, and if you desaturate by 10%, it is `4292024563`.

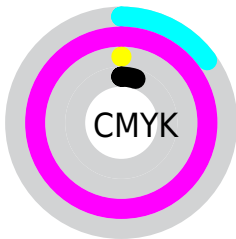
Distribution



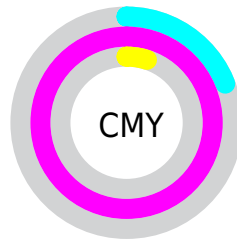
- Red (81%)
- Green (0%)
- Blue (95%)



- Red (81%)
- Yellow (0%)
- Blue (95%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)




- Cyan (19%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291756275 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 4291756275 by changing the saturation by 10% instead.

 4291756275

 4291756275

4294967295

 4289790166

 4294926591

 4287824058

 4294934527

 4285857950

 4294942463

 4283891843

 4294950143

 4281991273

 4294958079


 4279566416

 4294965759

 4278190135

 4278190625

 4278190086

 4291756275

 4292024563

 4292227571

 4292495859

 4292698611

 4292966899

 4293235443

 4293438195

 4293706483

 4293909491

Harmonies

Analogous

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



4278218495



4291756275



4294901912

Triad

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



4291756275



4289359616



4278230979

Complementary

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



4291756275



4280611584

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.



4278230111



4291756275



4283206400

Square

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



4291756275



4293733888



4278228736



4278230527

Rectangle

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



4291756275



4294901849



4278228736



4278230691

Sweetspot

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



4291756275



4294226943



4278199539



4286141056



4278190080



4286611584

Same Dimension

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



4291756275



4292411647



4294115486



4286148218



4288610490



4281466939

Inverse Universe

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



4294115364



4294901798



4278252373



4286213744



4290379804



4282056713

Previews

White Background



This preview shows how the Android color 4291756275 looks on a white background.

Color Contrast Check

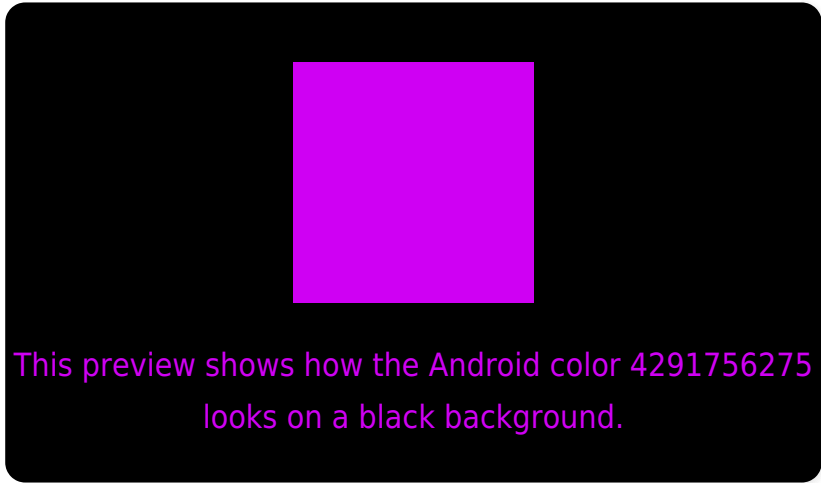
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291756275 Background



This preview shows how black text looks on a background with the Android color 4291756275.



This preview shows how white text looks on a background with the Android color 4291756275.

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
4291756275

Protanopia
4278221053

Deuteranopia
4278222815

Trichromacy



Original Color

4291756275



Protanomaly

4283124985



Deuteranomaly

4283126246



Tritanomaly

4290985113

Monochromacy



Original Color

4291756275



Achromatopsia

4284111450



Achromatomaly

4286921106

CSS Examples

Text

The CSS property to change the color of the text to Android 4291756275 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(207, 0, 243)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 243)  
}
```

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(207, 0, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 243) }
```

Border

The CSS property to change the border of an element to Android 4291756275 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(207, 0, 243) }
```

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

```
.border{ border-color:rgb(207, 0, 243) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 243);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4291756275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 243) }
```

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

```
.background{ background-color: rgb(207, 0,  
243) }
```

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