

Converting Colors

Android(4288753616)

Have a look what the booklet for
Android(4288753616) contains.

Android(4288753616)	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(4288753616)

Conversions

Conversions Part 1

Format	Color
Hex	A12FD0
RGB	161, 47, 208
RGB Percent	63%, 18%, 82%
CMY	0.3686, 0.8157, 0.1843
CMYK	0.23, 0.77, 0.00, 0.18
HSL	282°, 63%, 50%
HSV	282°, 77%, 82%
XYZ	27.0996, 14.1642, 60.9802
YIQ	99.4400, 16.2630, 74.2390

Conversions

Conversions Part 2

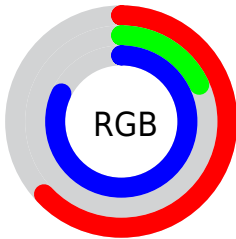
Format	Color
RYB	161, 47, 208
Decimal	10563536
CIELab	44.47, 68.45, -60.60
CIElCh	44, 91.424, 318.481
Yxy	14.1642, 0.2650, 0.1385
Android (android.graphics.Color)	4288753616 (0xFFA12FD0)
YUV	99.4400, 53.5201, 53.9881
Hunter-Lab	37.6353, 62.6687, -69.7223

Details

The Android color `4288753616` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle washed purple. A complement of this color would be `4284403759`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4292635391`, and `4285005976` is the 20% darker color. If you saturate the color by 10%, you get `4288355024`, and if you desaturate by 10%, it is `4289152208`.

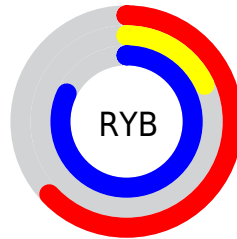
Distribution



Red (63%)

Green (18%)

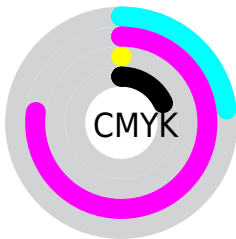
Blue (82%)



Red (63%)

Yellow (18%)

Blue (82%)

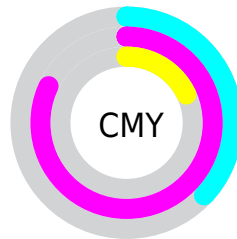


Cyan (23%)

Magenta (77%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (82%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288753616 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 4288753616 by changing the saturation by 10% instead.

 4288753616

 4288753616

4294967295

 4286841268

 4292635391

 4285005976

 4294608639

 4283105406

 4294943487

 4281204836

 4294950911

 4278845515

 4294958335

 4278190899

 4294965759

 4278190621

 4278190080

 4288753616

 4288753616

■ 4288355024

■ 4289152208

■ 4287956432

■ 4289550800

■ 4287824080

■ 4289949136

■ 4290347728

■ 4290746320

■ 4291144912

■ 4291609040

■ 4292007376

■ 4292405968

Harmonies

Analogous

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



4278215677



4288753616



4292608138

Triad

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



4288753616



4288240640



4278224536

Complementary

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



4288753616



4284403759

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.



4278223944



4288753616



4283724800

Square

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



4288753616



4291504384



4278222592



4278224348

Rectangle

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



4288753616



4293328984



4278222592



4278224510

Sweetspot

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



4288753616



4293838079



4281294800



4285881472



4278190080



4286611584

Same Dimension

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



4288753616



4290384639



4291833776



4284833385



4285989032



4280090665

Inverse Universe

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



4291833694



4294906455



4281323599



4285095521



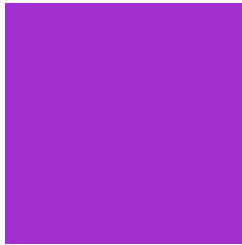
4289200177



4280877068

Previews

White Background



This preview shows how the Android color 4288753616 looks on a white background.

Color Contrast Check

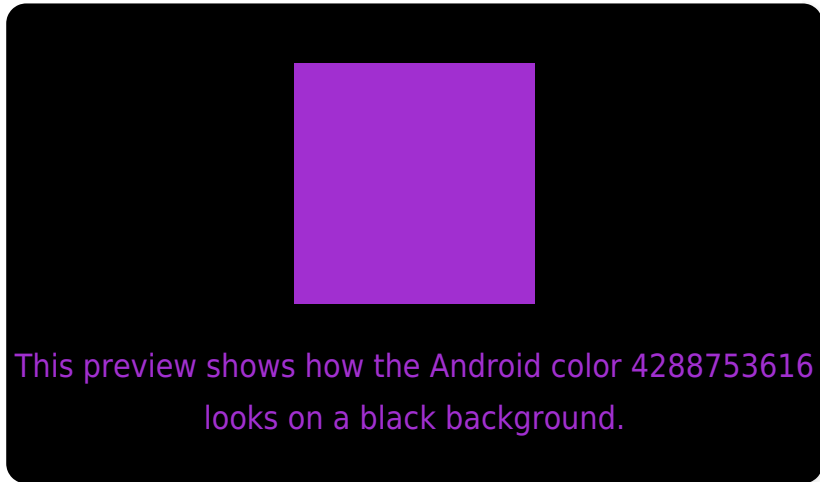
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

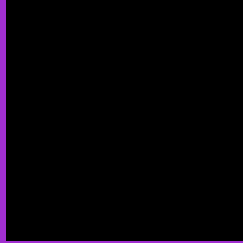
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4288753616 Background



This preview shows how black text looks on a background with the Android color 4288753616.

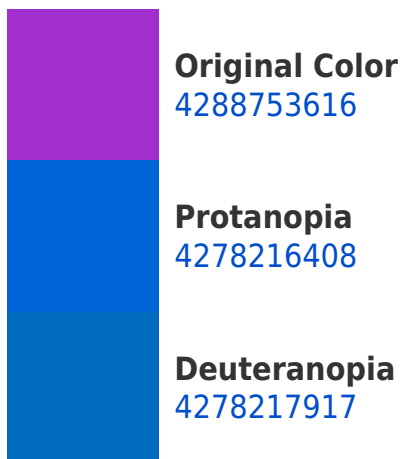


This preview shows how white text looks on a background with the Android color 4288753616.

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

4288753616



Protanomaly

4282077909



Deuteranomaly

4282078916



Tritanomaly

4288039561

Monochromacy



Original Color

4288753616



Achromatopsia

4284703587



Achromatomaly

4286206091

CSS Examples

Text

The CSS property to change the color of the text to Android 4288753616 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(161, 47, 208)` looks like.

```
.text, #text, p{  
    color:rgb(161, 47, 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(161, 47, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 47, 208) }
```

Border

The CSS property to change the border of an element to Android 4288753616 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(161, 47, 208) }
```

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

```
.border{ border-color:rgb(161, 47, 208) }
```

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

Here you see how a box with a 4 pixel rgb(161, 47, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 47, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 47, 208);  
box-shadow:4px 4px 4px 4px rgb(161, 47,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4288753616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 47, 208) }
```

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

```
.background{ background-color: rgb(161, 47,  
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