

# Converting Colors

Android(4288621504)

Have a look what the booklet for  
Android(4288621504) contains.

<b>Android(4288621504)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4288621504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2BC0
RGB	159, 43, 192
RGB Percent	62%, 17%, 75%
CMY	0.3765, 0.8314, 0.2471
CMYK	0.17, 0.78, 0.00, 0.25
HSL	287°, 63%, 46%
HSV	287°, 78%, 75%
XYZ	24.6764, 12.9045, 51.0594
YIQ	94.6700, 21.3070, 70.9310

# Conversions

## Conversions Part 2

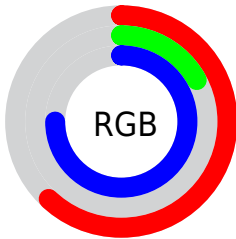
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">159, 43, 192</a>
Decimal	<a href="#">10431424</a>
CIELab	<a href="#">42.62, 66.30, -54.32</a>
CIElCh	<a href="#">43, 85.710, 320.676</a>
Yxy	<a href="#">12.9045, 0.2784, 0.1456</a>
Android (android.graphics.Color)	<a href="#">4288621504 (0xFF9F2BC0)</a>
YUV	<a href="#">94.6700, 47.9837, 56.4174</a>
Hunter-Lab	<a href="#">35.9228, 59.7519, -59.1268</a>

# Details

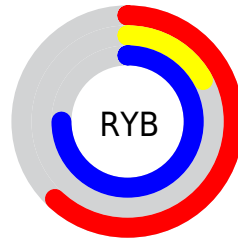
The Android color `4288621504` is a dark color, and the websafe version is hex `9933CC`. The color can be described as dark muted purple. A complement of this color would be `4283220011`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4292437753`, and `4284874889` is the 20% darker color. If you saturate the color by 10%, you get `4288354496`, and if you desaturate by 10%, it is `4288888512`.

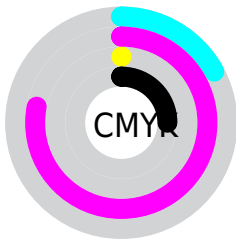
# Distribution



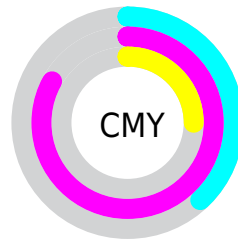
- Red (62%)
- Green (17%)
- Blue (75%)



- Red (62%)
- Yellow (17%)
- Blue (75%)



- Cyan (17%)
- Magenta (78%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (83%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288621504 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 4288621504 by changing the saturation by 10% instead.



 4288621504

 4288621504

4294967295

 4286775460

 4292437753

 4284874889

 4294411007

 4283105391

 4294942463

 4281335894

 4294949887

 4279173182

 4294957311

 4278190887

 4294964735

 4278190352

 4278190080

 4288621504

 4288621504

■ 4288354496

■ 4288888512

■ 4288021952

■ 4289221056

■ 4287955136

■ 4289488320

■ 4289755328

■ 4290022336

■ 4290354880

■ 4290621888

■ 4290889152

■ 4291156160

# Harmonies

## Analogous

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



4278214124



4288621504



4291952766

# Triad

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



4288621504



4287453696



4278222997

# Complementary

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



4288621504



4283220011

# 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.



4278222667



4288621504



4283199488

# Square

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



4288621504



4290654208



4278221312



4278222803

# Rectangle

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



4288621504



4292477007



4278221312



4278222973



# Sweetspot

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



4288621504



4293771514



4281028288



4285880957



4294769916



4286414205



# Same Dimension

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



4288621504



4291170810



4290784152



4284438369



4286382241



4279894049



# Inverse Universe

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



4290784076



4294578501



4281057363



4284569433



4288741412

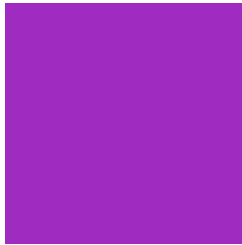


4280352775



# Previews

## White Background



This preview shows how the Android color 4288621504 looks on a white background.

## Color Contrast Check

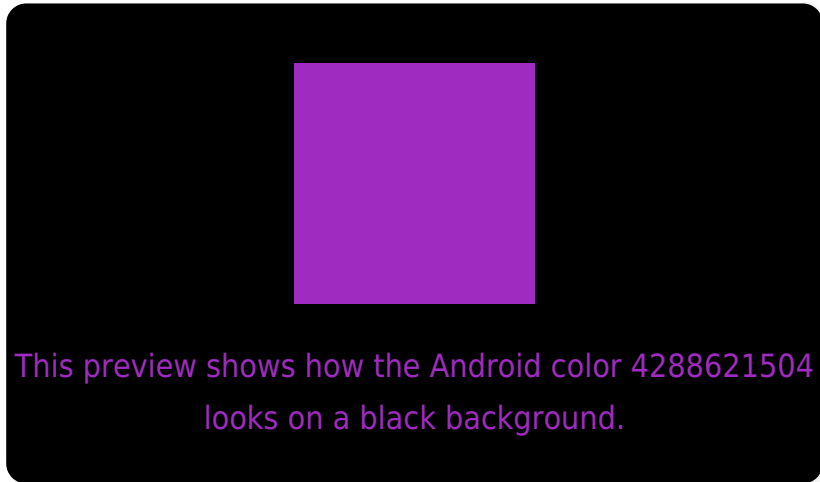
Large Text (above 18pt) WCAG AA ✓ Pass

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

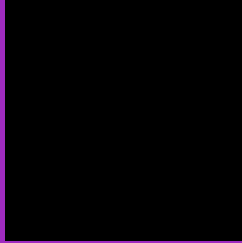
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4288621504 Background



This preview shows how black text looks on a background with the Android color 4288621504.



This preview shows how white text looks on a background with the Android color 4288621504.

# 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**  
4288621504

**Protanopia**  
4278215375

**Deuteranopia**  
4279265206



**Tritanopia**  
4287714137

# Trichromacy



**Original Color**  
4288621504



**Protanomaly**  
4282011338



**Deuteranomaly**  
4282667450



**Tritanomaly**  
4288038014

# Monochromacy



**Original Color**  
4288621504



**Achromatopsia**  
4284440415



**Achromatomaly**  
4285942914

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288621504 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(159, 43, 192)` looks like.

```
.text, #text, p{  
    color:rgb(159, 43, 192)  
}
```

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(159, 43, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 43, 192) }
```

## Border

The CSS property to change the border of an element to Android 4288621504 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(159, 43, 192) }
```

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

```
.border{ border-color:rgb(159, 43, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 43, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 43, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 43, 192);  
box-shadow:4px 4px 4px 4px rgb(159, 43,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4288621504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 43, 192) }
```

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

```
.background{ background-color: rgb(159, 43,  
192) }
```

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](#).



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