

# Converting Colors

Android(4288237005)

Have a look what the booklet for  
Android(4288237005) contains.

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# Color

**Android(4288237005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	994DCD
RGB	153, 77, 205
RGB Percent	60%, 30%, 80%
CMY	0.4000, 0.6980, 0.1961
CMYK	0.25, 0.62, 0.00, 0.20
HSL	276°, 56%, 55%
HSV	276°, 62%, 80%
XYZ	26.8102, 16.4878, 59.5270
YIQ	114.3160, 4.2080, 55.9200

# Conversions

## Conversions Part 2

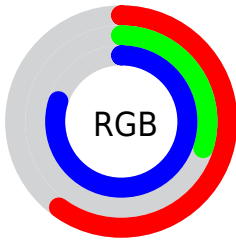
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 77, 205
Decimal	10046925
CIE <sub>Lab</sub>	47.61, 53.74, -53.87
CIE <sub>LCh</sub>	48, 76.089, 314.932
Yxy	16.4878, 0.2607, 0.1603
Android (android.graphics.Color)	4288237005 (0xFF994DCD)
YUV	114.3160, 44.7072, 33.9259
Hunter-Lab	40.6052, 46.7981, -58.4952

# Details

The Android color `4288237005` is a dark color, and the websafe version is hex `9933CC`. The color can be described as middle muted purple. A complement of this color would be `4286696781`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4291986175`, and `4284552854` is the 20% darker color. If you saturate the color by 10%, you get `4287707597`, and if you desaturate by 10%, it is `4288766669`.

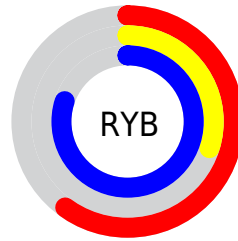
# Distribution



Red (60%)

Green (30%)

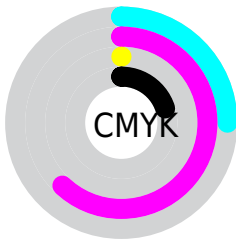
Blue (80%)



Red (60%)

Yellow (30%)

Blue (80%)

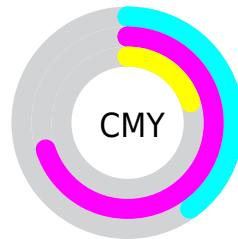


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (70%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288237005 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 4288237005 by changing the saturation by 10% instead.





4288237005



4288237005

4294967295



4286395313



4291986175



4284552854



4293959167



4282777723



4294949375



4280877154



4294956543



4278976585



4294963967



4278191153



4278190364



4278190080



4288237005



4288237005

■ 4287707597

■ 4288766669

■ 4287112397

■ 4289361613

■ 4286582989

■ 4289891277

■ 4286185677

■ 4290420685

■ 4291015885

■ 4291545293

■ 4292074957

■ 4292669901

■ 4293197773

# Harmonies

## Analogous

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



4278218479



4288237005



4291894676

# Triad

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



4288237005



4288963072



4278226064

# Complementary

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



4288237005



4286696781

# 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.



4278225485



4288237005



4285298688

# Square

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



4288237005



4291575571



4278223872



4278225611

# Rectangle

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



4288237005



4292739177



4278223872



4278226042



# Sweetspot

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



4288237005



4293644287



4283269837



4285817472



4278190080



4286611584



# Same Dimension

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



4288237005



4289806591



4291644866



4284636262



4284612774



4279697446



# Inverse Universe

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



4291644801



4294918285



4283288920



4284898400



4289069123

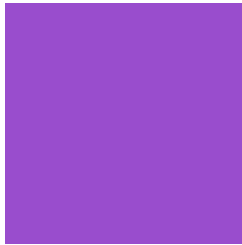


4280680464



# Previews

## White Background



This preview shows how the Android color 4288237005 looks on a white background.

## Color Contrast Check

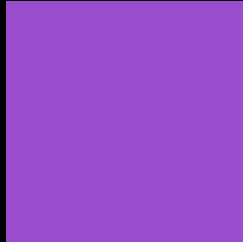
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4288237005 looks on a 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 4288237005 Background



This preview shows how black text looks on a background with the Android color 4288237005.



This preview shows how white text looks on a background with the Android color 4288237005.

# 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**  
4288237005

**Deuteranomaly**  
4283655625

**Tritanomaly**  
4287585938

# Monochromacy



**Original Color**  
4288237005

**Achromatopsia**  
4285690482

**Achromatomaly**  
4286604691

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288237005 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(153, 77, 205)` looks like.

```
.text, #text, p{  
    color:rgb(153, 77, 205)  
}
```

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(153, 77, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 77, 205) }
```

## Border

The CSS property to change the border of an element to Android 4288237005 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(153, 77, 205) }
```

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

```
.border{ border-color:rgb(153, 77, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 77, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 77, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 77, 205); box-shadow:4px 4px 4px 4px rgb(153, 77, 205) }
```

# Background

The CSS property to change the background color of an element to Android 4288237005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 77, 205) }
```

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

```
.background{ background-color: rgb(153, 77,  
205) }
```

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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