

# Converting Colors

Android(4292491482)

Have a look what the booklet for  
Android(4292491482) contains.

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# **Color**

**Android(4292491482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA38DA
RGB	218, 56, 218
RGB Percent	85%, 22%, 85%
CMY	0.1451, 0.7804, 0.1451
CMYK	0.00, 0.74, 0.00, 0.15
HSL	300°, 69%, 54%
HSV	300°, 74%, 85%
XYZ	42.9825, 22.7957, 68.4643
YIQ	122.9060, 44.5500, 84.7260

# Conversions

## Conversions Part 2

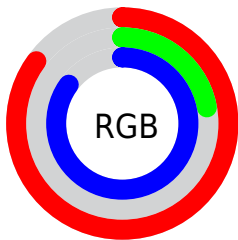
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 56, 218
Decimal	14301402
CIE <sub>Lab</sub>	54.86, 78.35, -49.17
CIE <sub>LCh</sub>	55, 92.498, 327.890
Yxy	22.7957, 0.3202, 0.1698
Android (android.graphics.Color)	4292491482 (0xFFDA38DA)
YUV	122.9060, 46.8813, 83.3974
Hunter-Lab	47.7449, 77.1418, -51.5981

# Details

The Android color `4292491482` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4281915960`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4294932479`, and `4288610466` is the 20% darker color. If you saturate the color by 10%, you get `4292485850`, and if you desaturate by 10%, it is `4292497114`.

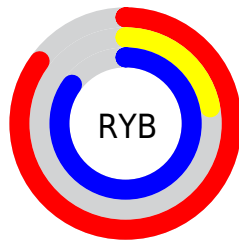
# Distribution



Red (85%)

Green (22%)

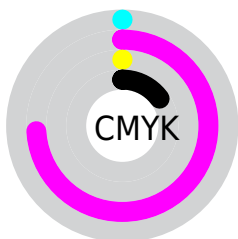
Blue (85%)



Red (85%)

Yellow (22%)

Blue (85%)

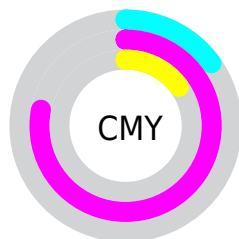


Cyan (0%)

Magenta (74%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (78%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292491482 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 4292491482 by changing the saturation by 10% instead.



 4292491482

 4292491482

4294967295

 4290511294

 4294932479

 4288610466

 4294940159

 4286709896

 4294947839

 4284809326

 4294955263

 4282974292

 4294962943

 4281204796

 4278517797

 4278190350

 4278190080

4292491482

4292491482

4292485850

4292497114

4292480218

4292502746

4292477146

4292508122

4292513754

4292519386

4292525018

4292530650

4292536026

4292541658

# Harmonies

## Analogous

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



4284575999



4292491482



4294901901

# Triad

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



4292491482



4289036032



4278232269

# Complementary

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



4292491482



4281915960

# 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.



4278231931



4292491482



4283732992

# Square

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



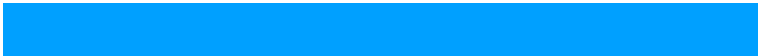
4292491482



4292892928



4278230560



4278231295

# Rectangle

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



4292491482



4294901848



4278230560



4278232243



# Sweetspot

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



4292491482



4294952959



4281874650



4286602880



4278190080



4286611584



# Same Dimension

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



4292491482



4294909183



4292491401



4285424494



4289527981



4281204782



# Inverse Universe

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



4292491482



4294909183



4281916041



4285424494



4289527981

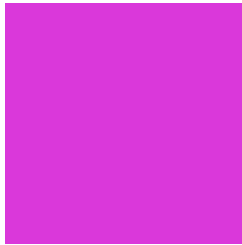


4281204782



# Previews

## White Background



This preview shows how the Android color 4292491482 looks on a white background.

## Color Contrast Check

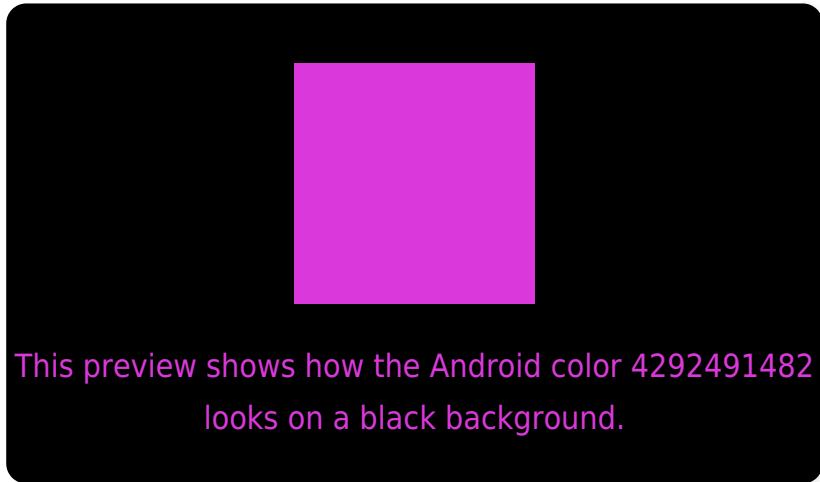
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292491482 Background



This preview shows how black text looks on a background with the Android color 4292491482.



This preview shows how white text looks on a background with the Android color 4292491482.

# 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**

4292491482



**Protanomaly**

4285687538



**Deuteranomaly**

4287195347



**Tritanomaly**

4291974033

# Monochromacy



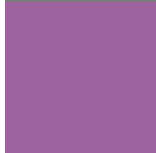
**Original Color**

4292491482



**Achromatopsia**

4286282619



**Achromatomaly**

4288570270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292491482 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(218, 56, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 56, 218)  
}
```

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(218, 56, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 56, 218) }
```

## Border

The CSS property to change the border of an element to Android 4292491482 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(218, 56, 218) }
```

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

```
.border{ border-color:rgb(218, 56, 218) }
```

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

Here you see how a box with a 4 pixel rgb(218, 56, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 56, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 56, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 56,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4292491482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 56, 218) }
```

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

```
.background{ background-color: rgb(218, 56,  
218) }
```

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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