

# Converting Colors

Android(4290472425)

Have a look what the booklet for  
Android(4290472425) contains.

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# **Color**

**Android(4290472425)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB69E9
RGB	187, 105, 233
RGB Percent	73%, 41%, 91%
CMY	0.2667, 0.5882, 0.0863
CMYK	0.20, 0.55, 0.00, 0.09
HSL	278°, 74%, 66%
HSV	278°, 55%, 91%
XYZ	40.2531, 26.5511, 80.0941
YIQ	144.1100, 7.7840, 57.1920

# Conversions

## Conversions Part 2

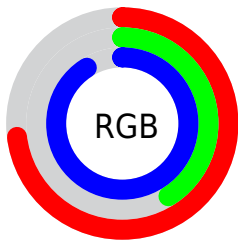
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 105, 233
Decimal	12282345
CIE Lab	58.56, 54.12, -52.00
CIE LCh	59, 75.049, 316.146
Yxy	26.5511, 0.2740, 0.1807
Android (android.graphics.Color)	4290472425 (0xFFBB69E9)
YUV	144.1100, 43.8228, 37.6145
Hunter-Lab	51.5278, 49.2690, -56.0901

# Details

The Android color `4290472425` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4288145769`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4294352895`, and `4286788785` is the 20% darker color. If you saturate the color by 10%, you get `4289942249`, and if you desaturate by 10%, it is `4291002601`.

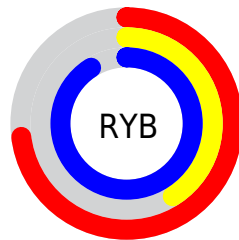
# Distribution



Red (73%)

Green (41%)

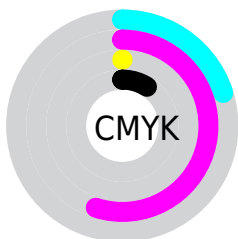
Blue (91%)



Red (73%)

Yellow (41%)

Blue (91%)

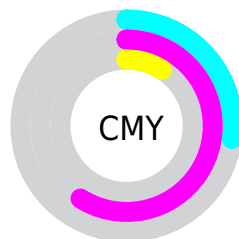


Cyan (20%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (59%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290472425 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 4290472425 by changing the saturation by 10% instead.



 4290472425

 4290472425

4294967295

 4288630732

 4294352895

 4286788785

 4294949887

 4284946325

 4294957055

 4283170939

 4294964479

 4281335905

 4279631945

 4278190129

 4278190363

 4278190080

4290472425

4290472425

4289942249

4291002601

4289346281

4291598569

4288816105

4292128745

4288285929

4292658921

4287955177

4293254889

4293785065

4294377449

4294901737

4294967273

# Harmonies

## Analogous

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



4281502207



4290472425



4294068398

# Triad

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



4290472425



4291002112



4278233776

# Complementary

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



4290472425



4288145769

# 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.



4278233195



4290472425



4287206656

# Square

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



4290472425



4293746734



4281508389



4278233067

# Rectangle

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



4290472425



4294918274



4281508389



4278233753



# Sweetspot

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



4290472425



4293973759



4285110505



4286015360



4278190080



4286611584



# Same Dimension

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



4290472425



4290992127



4293487064



4285622901



4285792437



4280418358



# Inverse Universe

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



4293486999



4294924179



4285131130



4285885038



4290052161

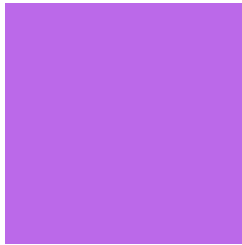


4281729043



# Previews

## White Background



This preview shows how the Android color 4290472425 looks on a white background.

## Color Contrast Check

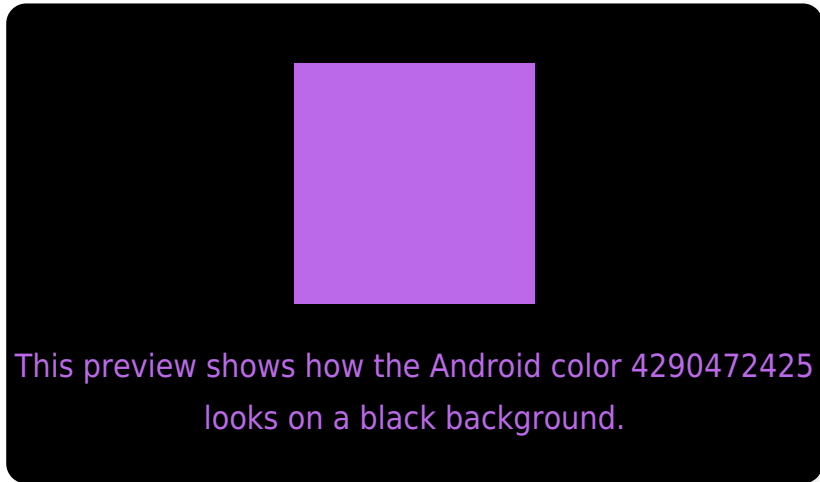
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290472425 Background



This preview shows how black text looks on a background with the Android color 4290472425.




This preview shows how white text looks on a background with the Android color 4290472425.

# 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





**Tritanopia**  
4289495435

# Trichromacy



**Original Color**

4290472425



**Protanomaly**

4286152183



**Deuteranomaly**

4286546149



**Tritanomaly**

4289820845

# Monochromacy



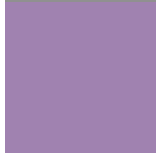
**Original Color**

4290472425



**Achromatopsia**

4287664272



**Achromatomaly**

4288709296

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290472425 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(187, 105, 233)` looks like.

```
.text, #text, p{  
    color:rgb(187, 105, 233)  
}
```

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(187, 105, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 105, 233) }
```

## Border

The CSS property to change the border of an element to Android 4290472425 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(187, 105, 233) }
```

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

```
.border{ border-color:rgb(187, 105, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 105, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 105, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 105, 233);  
box-shadow:4px 4px 4px 4px rgb(187, 105,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4290472425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 105, 233) }
```

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

```
.background{ background-color: rgb(187,  
105, 233) }
```

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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