

# Converting Colors

Android(4290433023)

Have a look what the booklet for  
Android(4290433023) contains.

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# **Color**

**Android(4290433023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BACFFF
RGB	186, 207, 255
RGB Percent	73%, 81%, 100%
CMY	0.2706, 0.1882, 0.0000
CMYK	0.27, 0.19, 0.00, 0.00
HSL	222°, 100%, 86%
HSV	222°, 27%, 100%
XYZ	60.6125, 62.2848, 103.4353
YIQ	206.1930, -27.9240, 10.4760

# Conversions

## Conversions Part 2

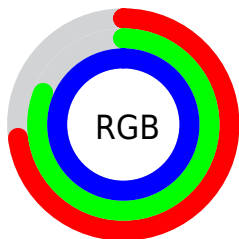
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 202, 255
Decimal	12242943
CIE <sub>Lab</sub>	83.06, 3.37, -25.81
CIE <sub>LCh</sub>	83, 26.025, 277.440
Yxy	62.2848, 0.2678, 0.2752
Android (android.graphics.Color)	4290433023 (0xFFBACFFF)
YUV	206.1930, 24.0619, -17.7093
Hunter-Lab	78.9207, -1.0200, -22.4624

# Details

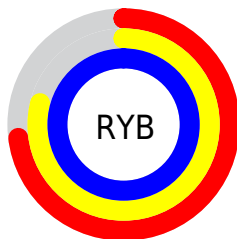
The Android color `4290433023` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294961850`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4294180863`, and `4286814662` is the 20% darker color. If you saturate the color by 10%, you get `4288790015`, and if you desaturate by 10%, it is `4292076031`.

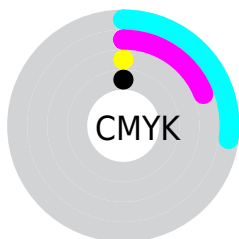
# Distribution



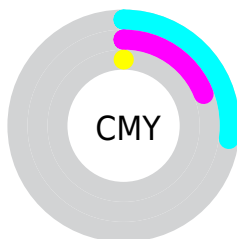
- Red (73%)
- Green (81%)
- Blue (100%)



- Red (73%)
- Yellow (79%)
- Blue (100%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290433023 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 4290433023 by changing the saturation by 10% instead.



 4290433023

 4290433023

4294967295

 4288591074

 4294180863

 4286814662

 4285104043

 4283393680

 4281749110

 4279973981

 4278198854

 4278193199

 4278190362

■ 4290433023

■ 4290433023

■ 4288790015

■ 4292076031

■ 4287081727

■ 4293784319

■ 4285373183

4294967295

■ 4283730175

■ 4282021631

■ 4280378879

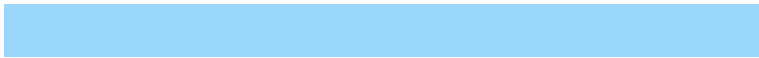
■ 4278735871

■ 4278210303

# Harmonies

## Analogous

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



4288403195



4290433023



4292593654

# Triad

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



4290433023



4294951090



4288994235

# Complementary

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



4290433023



4294961850

# 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.



4290827944



4290433023



4294100898

# Square

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



4290433023



4294950346



4292595614



4287618516

# Rectangle

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



4290433023



4293772010



4292595614



4289583796



# Sweetspot

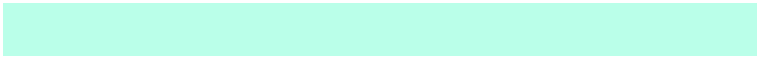
The Sweet Spot groups the original color and five complimentary colors.



4290433023



4293652991



4290445289



4285757312



4278190080



4286611584



# Same Dimension

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



4290433023



4289578751



4291279615



4285757312



4278205119



4278195008



# Inverse Universe

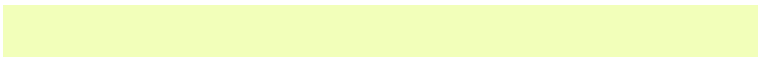
The Inverse Universe completely reimagines the original color for something new.



4294949583



4294946246



4294115258



4286608247



4290707514



4282384403



# Previews

## White Background



This preview shows how the Android color 4290433023 looks on a white background.

## Color Contrast Check

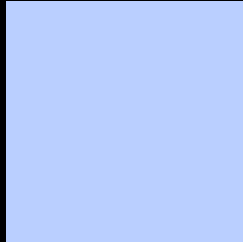
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290433023 looks on a 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 ✓ Pass

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



# Android 4290433023 Background



This preview shows how black text looks on a background with the Android color 4290433023.



This preview shows how white text looks on a background with the Android color 4290433023.

# 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**  
4290433023

**Protanopia**  
4291022333

**Deuteranopia**  
4291480319



# Trichromacy



**Original Color**  
4290433023

**Protanomaly**  
4290825982

**Deuteranomaly**  
4291087615

**Tritanomaly**  
4290237166

# Monochromacy



**Original Color**  
4290433023

**Achromatopsia**  
4291743438

**Achromatomaly**  
4291284704

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290433023 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(186, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 255)  
}
```

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(186, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 255) }
```

## Border

The CSS property to change the border of an element to Android 4290433023 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(186, 207, 255) }
```

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

```
.border{ border-color:rgb(186, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4290433023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 255) }
```

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

```
.background{ background-color: rgb(186,  
207, 255) }
```

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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