

# Converting Colors

Android(4290233075)

Have a look what the booklet for  
Android(4290233075) contains.

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# **Color**

**Android(4290233075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7C2F3
RGB	183, 194, 243
RGB Percent	72%, 76%, 95%
CMY	0.2824, 0.2392, 0.0471
CMYK	0.25, 0.20, 0.00, 0.05
HSL	229°, 71%, 84%
HSV	229°, 25%, 95%
XYZ	54.9979, 55.1219, 92.5349
YIQ	196.2970, -22.2850, 12.9070

# Conversions

## Conversions Part 2

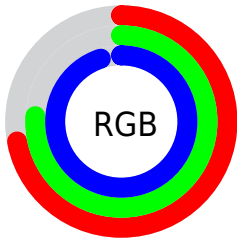
Format	Color
<a href="#">RYB</a>	<a href="#">183, 192, 243</a>
Decimal	<a href="#">12042995</a>
CIELab	<a href="#">79.11, 6.69, -25.46</a>
CIELCh	<a href="#">79, 26.322, 284.720</a>
Yxy	<a href="#">55.1219, 0.2714, 0.2720</a>
Android (android.graphics.Color)	<a href="#">4290233075 (0xFFB7C2F3)</a>
YUV	<a href="#">196.2970, 23.0246, -11.6615</a>
Hunter-Lab	<a href="#">74.2441, 2.3003, -21.9258</a>

# Details

The Android color `4290233075` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4294174903`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4293982975`, and `4286680507` is the 20% darker color. If you saturate the color by 10%, you get `4288655091`, and if you desaturate by 10%, it is `4291811059`.

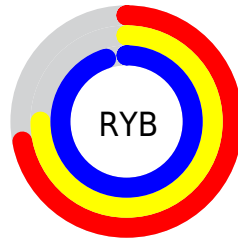
# Distribution



Red (72%)

Green (76%)

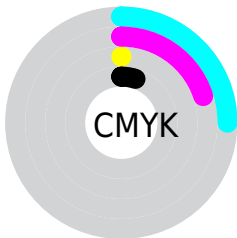
Blue (95%)



Red (72%)

Yellow (75%)

Blue (95%)

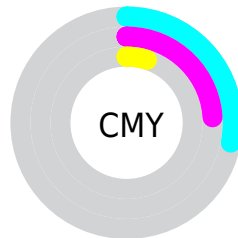


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (24%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290233075 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 4290233075 by changing the saturation by 10% instead.



 4290233075

 4290233075

4294967295

 4288456663

 4293982975

 4286680507

 4284969888

 4283325317

 4281680748

 4280036691

 4278196540

 4278190118

 4278190351

■ 4290233075

■ 4290233075

■ 4288655091

■ 4291811059

■ 4287011571

■ 4293454579

■ 4285433587

■ 4294967027

■ 4283855859

■ 4294967283

■ 4282212339

■ 4280634355

■ 4279056371

■ 4278201843

# Harmonies

## Analogous

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



4288072435



4290233075



4292328167

# Triad

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



4290233075



4294096802



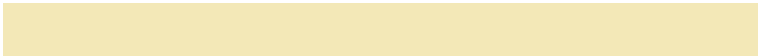
4287877558

# Complementary

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



4290233075



4294174903

# 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.



4289645985



4290233075



4293050005

# Square

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



4290233075



4294357689



4291479188



4286632655

# Rectangle

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



4290233075



4293375449



4291479188



4288401582



# Sweetspot

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



4290233075



4293783807



4290245608



4285888384



4278190080



4286611584



# Same Dimension

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



4290233075



4289970687



4291475443



4285427834



4278198970



4278192955



# Inverse Universe

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



4294162370



4294947777



4292932535



4286213744



4290379810

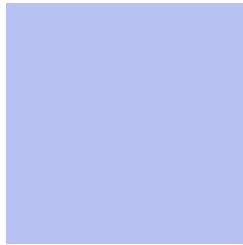


4282056715



# Previews

## White Background



This preview shows how the Android color 4290233075 looks on a white background.

## Color Contrast Check

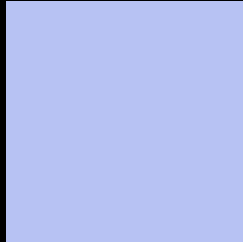
Large Text (above 18pt) WCAG AA × Fail

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 4290233075 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 4290233075 Background



This preview shows how black text looks on a background with the Android color 4290233075.



This preview shows how white text looks on a background with the Android color 4290233075.

# 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](#).

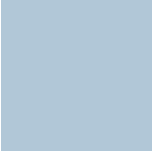
## Dichromacy



**Original Color**  
4290233075

**Protanopia**  
4290298611

**Deuteranopia**  
4290691315



**Tritanopia**  
4289841111

# Trichromacy



**Original Color**  
4290233075

**Protanomaly**  
4290298611

**Deuteranomaly**  
4290494963

**Tritanomaly**  
4289971681

# Monochromacy



**Original Color**  
4290233075

**Achromatopsia**  
4291085508

**Achromatomaly**  
4290757589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290233075 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(183, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 243)  
}
```

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(183, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 243) }
```

## Border

The CSS property to change the border of an element to Android 4290233075 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(183, 194, 243) }
```

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

```
.border{ border-color:rgb(183, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4290233075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 243) }
```

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

```
.background{ background-color: rgb(183,  
194, 243) }
```

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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