

# Converting Colors

Android(4290686954)

Have a look what the booklet for  
Android(4290686954) contains.

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# **Color**

**Android(4290686954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEAFEA
RGB	190, 175, 234
RGB Percent	75%, 69%, 92%
CMY	0.2549, 0.3137, 0.0824
CMYK	0.19, 0.25, 0.00, 0.08
HSL	255°, 58%, 80%
HSV	255°, 25%, 92%
XYZ	51.4165, 47.5476, 84.3096
YIQ	186.2110, -9.9990, 21.5290

# Conversions

## Conversions Part 2

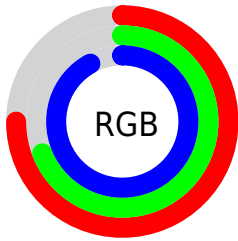
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 175, 234
Decimal	12496874
CIE <sub>Lab</sub>	74.54, 17.15, -27.55
CIE <sub>LCh</sub>	75, 32.455, 301.900
Yxy	47.5476, 0.2805, 0.2594
Android (android.graphics.Color)	4290686954 (0xFFBEAFEA)
YUV	186.2110, 23.5600, 3.3230
Hunter-Lab	68.9548, 12.4285, -24.2243

# Details

The Android color `4290686954` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4292602543`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4294436863`, and `4287134642` is the 20% darker color. If you saturate the color by 10%, you get `4289566954`, and if you desaturate by 10%, it is `4291806954`.

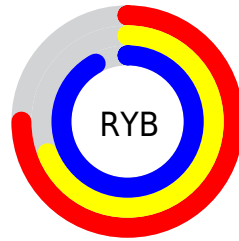
# Distribution



Red (75%)

Green (69%)

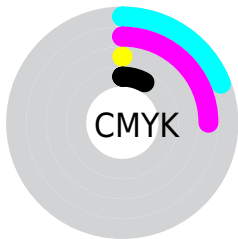
Blue (92%)



Red (75%)

Yellow (69%)

Blue (92%)

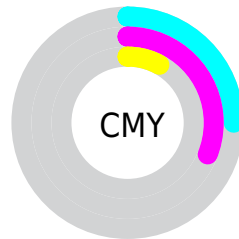


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290686954 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 4290686954 by changing the saturation by 10% instead.



 4290686954

 4290686954

4294967295

 4288910542

 4294436863

 4287134642

 4285424279

 4283779709

 4282135396

 4280622668

 4279109429

 4278190623

 4278190082

 4290686954

 4290686954

 4289566954

 4291806954

 4288381162

 4292992746

 4287261162

 4294112746

 4286075370

 4294967274

 4284955370

 4283769834

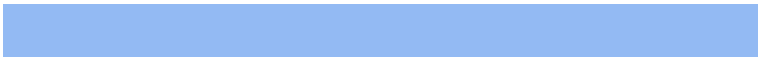
 4282649578

 4282056938

# Harmonies

## Analogous

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



4287871731



4290686954



4292847316

# Triad

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



4290686954



4293110916



4284991672

# Complementary

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



4290686954



4292602543

# 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.



4287153562



4290686954



4291475068

# Square

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



4290686954



4294091929



4289445764



4283811798

# Rectangle

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



4290686954



4293763777



4289445764



4285646766



# Sweetspot

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



4290686954



4293979135



4289715178



4285952896



4278190080



4286611584



# Same Dimension

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



4290686954



4291212287



4292587498



4285360757



4281204917



4279107638



# Inverse Universe

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



4293570523



4294947820



4290701999



4285885042



4290052231

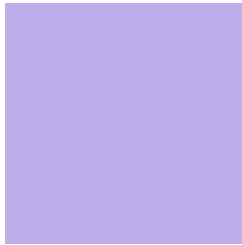


4281729064



# Previews

## White Background



This preview shows how the Android color 4290686954 looks on a white background.

## Color Contrast Check

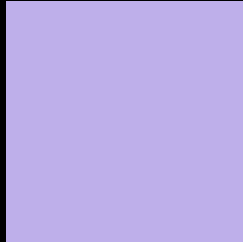
Large Text (above 18pt) WCAG AA × Fail

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 4290686954 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 4290686954 Background



This preview shows how black text looks on a background with the Android color 4290686954.



This preview shows how white text looks on a background with the Android color 4290686954.

# 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**  
4290686954

**Protanopia**  
4289246703

**Deuteranopia**  
4289705193



**Tritanopia**  
4290229956

# Trichromacy



**Original Color**

4290686954

**Protanomaly**

4289770477

**Deuteranomaly**

4290032361

**Tritanomaly**

4290425810

# Monochromacy



**Original Color**

4290686954

**Achromatopsia**

4290427578

**Achromatomaly**

4290492107

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290686954 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(190, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 175, 234)  
}
```

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(190, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 175, 234) }
```

## Border

The CSS property to change the border of an element to Android 4290686954 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(190, 175, 234) }
```

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

```
.border{ border-color:rgb(190, 175, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 175,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4290686954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 175, 234) }
```

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

```
.background{ background-color: rgb(190,  
175, 234) }
```

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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