

# Converting Colors

Android(4289117682)

Have a look what the booklet for  
Android(4289117682) contains.

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# **Color**

**Android(4289117682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6BDF2
RGB	166, 189, 242
RGB Percent	65%, 74%, 95%
CMY	0.3490, 0.2588, 0.0510
CMYK	0.31, 0.22, 0.00, 0.05
HSL	222°, 75%, 80%
HSV	222°, 31%, 95%
XYZ	49.9505, 50.9130, 91.1989
YIQ	188.1650, -30.7210, 11.6070

# Conversions

## Conversions Part 2

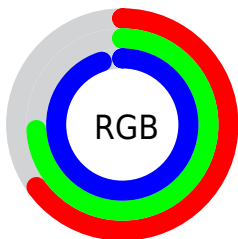
Format	Color
<a href="#">RYB</a>	<a href="#">166, 184, 242</a>
Decimal	<a href="#">10927602</a>
CIELab	<a href="#">76.63, 4.24, -28.83</a>
CIElCh	<a href="#">77, 29.137, 278.373</a>
Yxy	<a href="#">50.9130, 0.2601, 0.2651</a>
Android (android.graphics.Color)	<a href="#">4289117682</a> ( <a href="#">0xFFA6BDF2</a> )
YUV	<a href="#">188.1650, 26.5407, -19.4387</a>
Hunter-Lab	<a href="#">71.3533, 0.0896, -25.8331</a>

# Details

The Android color `4289117682` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294106022`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4292802047`, and `4285565114` is the 20% darker color. If you saturate the color by 10%, you get `4287540466`, and if you desaturate by 10%, it is `4290694898`.

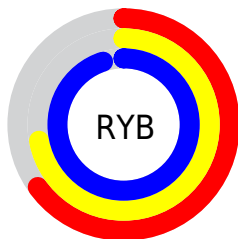
# Distribution



Red (65%)

Green (74%)

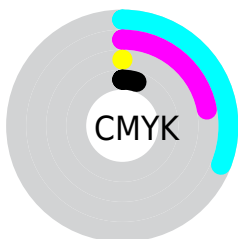
Blue (95%)



Red (65%)

Yellow (72%)

Blue (95%)

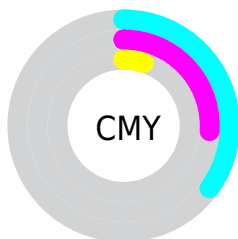


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (26%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289117682 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 4289117682 by changing the saturation by 10% instead.



 4289117682

 4289117682

4294967295

 4287341270

 4292802047

 4285565114

 4294770687

 4283854751

 4282144388

 4280303467

 4278200914

 4278195771

 4278190629

 4278190350

■ 4289117682

■ 4289117682

■ 4287540466

■ 4290694898

■ 4285963250

■ 4292272114

■ 4284320498

■ 4293914866

■ 4282743282

■ 4294967282

■ 4281166322

■ 4279589106

■ 4278209010

# Harmonies

## Analogous

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



4286694894



4289117682



4291540199

# Triad

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



4289117682



4294028701



4287417256

# Complementary

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



4289117682



4294106022

# 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.



4289447570



4289117682



4293047692

# Square

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



4289117682



4294158774



4291411592



4285779140

# Rectangle

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



4289117682



4292783834



4291411592



4288072096



# Sweetspot

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



4289117682



4293455871



4289131226



4285625984



4278190080



4286611584



# Same Dimension

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



4289117682



4288592895



4290029298



4285296504



4278204600



4278194488



# Inverse Universe

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



4294092477



4294942395



4293194406



4286082159



4290248760



4281860113



# Previews

## White Background



This preview shows how the Android color 4289117682 looks on a white background.

## Color Contrast Check

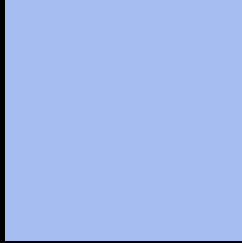
Large Text (above 18pt) WCAG AA × Fail

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 4289117682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

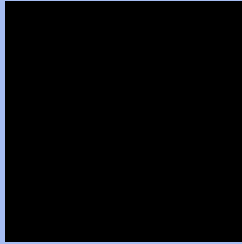
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

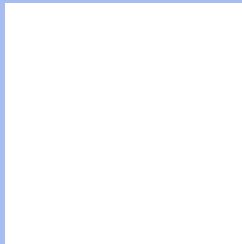
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289117682 Background



This preview shows how black text looks on a background with the Android color 4289117682.



This preview shows how white text looks on a background with the Android color 4289117682.

# 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**  
4289117682

**Protanopia**  
4289706992

**Deuteranopia**  
4289903091



# Trichromacy



**Original Color**  
4289117682

**Protanomaly**  
4289510641

**Deuteranomaly**  
4289641203

**Tritanomaly**  
4288856542

# Monochromacy



**Original Color**  
4289117682

**Achromatopsia**  
4290559164

**Achromatomaly**  
4290034896

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289117682 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(166, 189, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 242)  
}
```

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(166, 189, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 242) }
```

## Border

The CSS property to change the border of an element to Android 4289117682 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(166, 189, 242) }
```

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

```
.border{ border-color:rgb(166, 189, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 189, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4289117682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 242) }
```

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

```
.background{ background-color: rgb(166,  
189, 242) }
```

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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