

# Converting Colors

Android(4283075037)

Have a look what the booklet for  
Android(4283075037) contains.

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# Color

**Android(4283075037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A89DD
RGB	74, 137, 221
RGB Percent	29%, 54%, 87%
CMY	0.7098, 0.4627, 0.1333
CMYK	0.67, 0.38, 0.00, 0.13
HSL	214°, 68%, 58%
HSV	214°, 67%, 87%
XYZ	24.8208, 24.5676, 71.8404
YIQ	127.7390, -64.5120, 12.7680

# Conversions

## Conversions Part 2

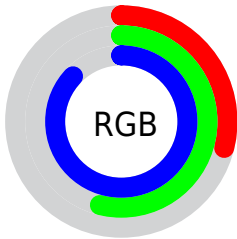
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 118, 221
Decimal	4884957
CIE Lab	56.65, 6.44, -48.85
CIE LCh	57, 49.275, 277.508
Yxy	24.5676, 0.2047, 0.2027
Android (android.graphics.Color)	4283075037 (0xFF4A89DD)
YUV	127.7390, 45.9777, -47.1291
Hunter-Lab	49.5657, 2.6467, -51.2387

# Details

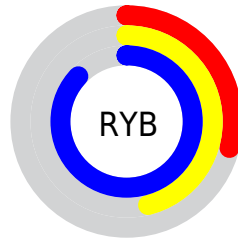
The Android color `4283075037` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4292714058`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4287151871`, and `4278212773` is the 20% darker color. If you saturate the color by 10%, you get `4281629917`, and if you desaturate by 10%, it is `4284520157`.

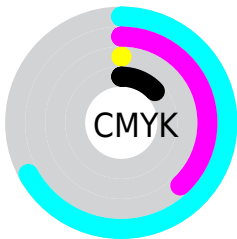
# Distribution



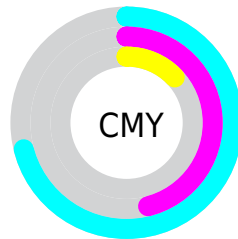
- Red (29%)
- Green (54%)
- Blue (87%)



- Red (29%)
- Yellow (46%)
- Blue (87%)



- Cyan (67%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



















- Cyan (71%)
- Magenta (46%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283075037 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 4283075037 by changing the saturation by 10% instead.



 4283075037	 4283075037
 4294967295	 4280512705
 4287151871	 4278212773
 4289125119	 4278206859
 4291098367	 4278201457
 4293066751	 4278196312
	 4278191936
	 4278190889
	 4278190355
	 4278190080

■ 4283075037

■ 4283075037

■ 4281629917

■ 4284520157

■ 4280185053

■ 4285965021

■ 4278739933

■ 4287410141

■ 4278214621

■ 4288855261

■ 4290365661

■ 4291810781

■ 4293255645

■ 4294700765

■ 4294966237

# Harmonies

## Analogous

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



4278228439



4283075037



4288248012

# Triad

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



4283075037



4291914326



4280195941

# Complementary

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



4283075037



4292714058

# 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.



4285043776



4283075037



4290411063

# Square

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



4283075037



4292305279



4288055597



4278230418

# Rectangle

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



4283075037



4290342327



4288055597



4282423640

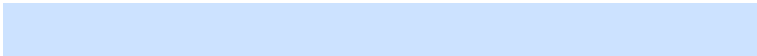


# Sweetspot

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



4283075037



4291617535



4283096477



4284575360



4278190080



4286611584



# Same Dimension

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



4283075037



4281567999



4283714269



4284704622



4278209197



4278195246



# Inverse Universe

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



4292692617



4294914954



4292074826



4285424487



4289527882

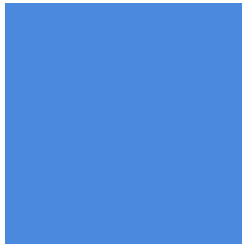


4281204756



# Previews

## White Background



This preview shows how the Android color 4283075037 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



This preview shows how the Android color 4283075037 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 × Fail

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



# Android 4283075037 Background



This preview shows how black text looks on a background with the Android color 4283075037.



This preview shows how white text looks on a background with the Android color 4283075037.

# 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





# Trichromacy



**Original Color**  
4283075037

**Protanomaly**  
4284253914

**Deuteranomaly**  
4283336925

**Tritanomaly**  
4281438647

# Monochromacy



**Original Color**  
4283075037

**Achromatopsia**  
4286611584

**Achromatomaly**  
4285301666

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283075037 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(74, 137, 221)` looks like.

```
.text, #text, p{  
    color:rgb(74, 137, 221)  
}
```

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(74, 137, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 137, 221) }
```

## Border

The CSS property to change the border of an element to Android 4283075037 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(74, 137, 221) }
```

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

```
.border{ border-color:rgb(74, 137, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 137, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 137, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 137, 221);  
box-shadow:4px 4px 4px 4px rgb(74, 137,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4283075037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 137, 221) }
```

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

```
.background{ background-color: rgb(74, 137,  
221) }
```

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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