

# Converting Colors

Android(4281772499)

Have a look what the booklet for  
Android(4281772499) contains.

<b>Android(4281772499)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4281772499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36A9D3
RGB	54, 169, 211
RGB Percent	21%, 66%, 83%
CMY	0.7882, 0.3373, 0.1725
CMYK	0.74, 0.20, 0.00, 0.17
HSL	196°, 64%, 52%
HSV	196°, 74%, 83%
XYZ	27.4672, 33.8634, 66.7166
YIQ	139.4030, -82.0220, -11.3180

# Conversions

## Conversions Part 2

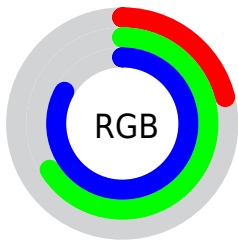
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 120, 211
Decimal	3582419
CIELab	64.85, -17.94, -30.47
CIElCh	65, 35.358, 239.511
Yxy	33.8634, 0.2145, 0.2645
Android (android.graphics.Color)	4281772499 (0xFF36A9D3)
YUV	139.4030, 35.2973, -74.8984
Hunter-Lab	58.1922, -17.5831, -27.2406

# Details

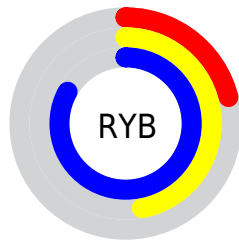
The Android color `4281772499` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4292042806`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4286243071`, and `4278220188` is the 20% darker color. If you saturate the color by 10%, you get `4280394707`, and if you desaturate by 10%, it is `4283150291`.

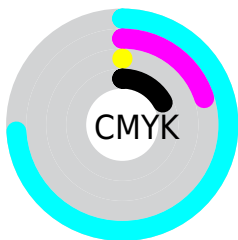
# Distribution



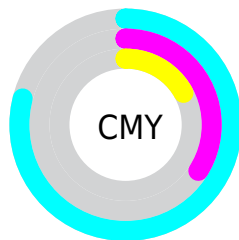
- Red (21%)
- Green (66%)
- Blue (83%)



- Red (21%)
- Yellow (47%)
- Blue (83%)



- Cyan (74%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)




- Cyan (79%)
- Magenta (34%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281772499 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 4281772499 by changing the saturation by 10% instead.



 4281772499

 4281772499

4294967295

 4278226615

 4286243071

 4278220188

 4288282111

 4278213762

 4290248703

 4278207593

 4292214783

 4278201936

 4294246399

 4278197049

 4278190627

 4278190091

 4278190080

■ 4281772499

■ 4281772499

■ 4280394707

■ 4283150291

■ 4279017171

■ 4284527827

■ 4278229971

■ 4285905619

■ 4287283411

■ 4288726483

■ 4290104275

■ 4291482067

■ 4292859603

■ 4294237395

# Harmonies

## Analogous

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



4279676603



4281772499



4285506012

# Triad

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



4281772499



4292380063



4287800677

# Complementary

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



4281772499



4292042806

# 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.



4289960798



4281772499



4292511616

# Square

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



4281772499



4291136446



4291596392



4285311868

# Rectangle

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



4281772499



4287732185



4291596392



4288520801

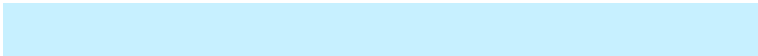


# Sweetspot

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



4281772499



4291293439



4281783136



4284381056



4278190080



4286611584



# Same Dimension

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



4281772499



4280075007



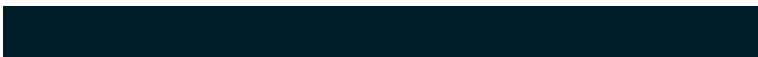
4281752531



4284376681



4278221736



4278197801



# Inverse Universe

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



4292032169



4294909122



4292062774



4285095526



4289200251



4280877086



# Previews

## White Background



This preview shows how the Android color 4281772499 looks on a white background.

## Color Contrast Check

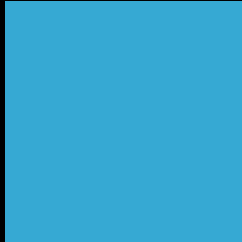
Large Text (above 18pt) WCAG AA × Fail

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 4281772499 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 4281772499 Background



This preview shows how black text looks on a background with the Android color 4281772499.



This preview shows how white text looks on a background with the Android color 4281772499.

# 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**  
4281772499

**Protanomaly**  
4285505740

**Deuteranomaly**  
4285243349

**Tritanomaly**  
4280855748

# Monochromacy



**Original Color**  
4281772499

**Achromatopsia**  
4287335307

**Achromatomaly**  
4285306533

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281772499 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(54, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(54, 169, 211)  
}
```

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(54, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 169, 211) }
```

## Border

The CSS property to change the border of an element to Android 4281772499 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(54, 169, 211) }
```

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

```
.border{ border-color:rgb(54, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(54, 169,  
211) }
```

# Background

The CSS property to change the background color of an element to Android 4281772499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 169, 211) }
```

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

```
.background{ background-color: rgb(54, 169,  
211) }
```

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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