

# Converting Colors

Android(4278228698)

Have a look what the booklet for  
Android(4278228698) contains.

<b>Android(4278228698)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278228698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0096DA
RGB	0, 150, 218
RGB Percent	0%, 59%, 85%
CMY	1.0000, 0.4118, 0.1451
CMYK	1.00, 0.31, 0.00, 0.15
HSL	199°, 100%, 43%
HSV	199°, 100%, 85%
XYZ	23.5612, 26.8746, 70.2752
YIQ	112.9020, -111.2280, -10.6520

# Conversions

## Conversions Part 2

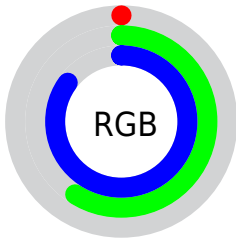
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 89, 218
Decimal	38618
CIE Lab	58.86, -8.57, -43.77
CIE LCh	59, 44.606, 258.920
Yxy	26.8746, 0.1952, 0.2226
Android (android.graphics.Color)	4278228698 (0xFF0096DA)
YUV	112.9020, 51.8133, -99.0151
Hunter-Lab	51.8408, -9.5944, -44.0848

# Details

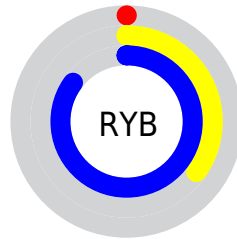
The Android color `4278228698` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292494336`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284992767`, and `4278215843` is the 20% darker color. If you saturate the color by 10%, you get `4278228698`, and if you desaturate by 10%, it is `4279672282`.

# Distribution



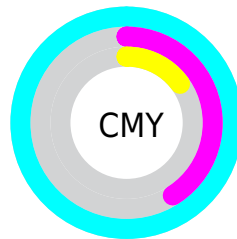
- Red (0%)
- Green (59%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (41%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278228698 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 4278228698 by changing the saturation by 10% instead.





4278228698



4278228698

4294967295



4278222014



4284992767



4278215843



4287097087



4278209672



4289200127



4278204014



4291231743



4278198613



4293263359



4278191678



4278190887



4278190353



4278190080

■ 4278228698

■ 4279672282

■ 4281115866

■ 4282493658

■ 4283937242

■ 4285380826

■ 4286824410

■ 4288267994

■ 4289645786

■ 4291089370

# Harmonies

## Analogous

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



4278230728



4278228698



4286155224

# Triad

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



4278228698



4292308598



4284456024

# Complementary

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



4278228698



4292494336

# 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.



4287402816



4278228698



4291590228

# Square

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



4278228698



4291784350



4289824319



4278821245

# Rectangle

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



4278228698



4288708555



4289824319



4285503822



# Sweetspot

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



4278228698



4289980415



4278245953



4283593088



4278190080



4286611584

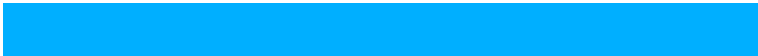


# Same Dimension

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



4278228698



4278235135



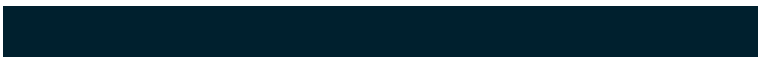
4278201562



4284705390



4278220717



4278198318



# Inverse Universe

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



4292477078



4294901935



4292521472



4285424490



4289527927



4281204768



# Previews

## White Background



This preview shows how the Android color 4278228698 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 4278228698 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 4278228698 Background



This preview shows how black text looks on a background with the Android color 4278228698.



This preview shows how white text looks on a background with the Android color 4278228698.

# 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**  
4278228698



**Protanomaly**  
4283076308



**Deuteranomaly**  
4282355931



**Tritanomaly**  
4278229690

# Monochromacy



**Original Color**  
4278228698



**Achromatopsia**  
4285624689



**Achromatomaly**  
4282941079

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278228698 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(0, 150, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 218)  
}
```

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(0, 150, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 218) }
```

## Border

The CSS property to change the border of an element to Android 4278228698 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(0, 150, 218) }
```

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

```
.border{ border-color:rgb(0, 150, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 150, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 150, 218); box-shadow:4px 4px 4px 4px rgb(0, 150, 218) }
```

# Background

The CSS property to change the background color of an element to Android 4278228698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 218) }
```

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

```
.background{ background-color: rgb(0, 150,  
218) }
```

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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