

# Converting Colors

Android(4278224602)

Have a look what the booklet for  
Android(4278224602) contains.

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# Color

**Android(4278224602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0086DA
RGB	0, 134, 218
RGB Percent	0%, 53%, 85%
CMY	1.0000, 0.4745, 0.1451
CMYK	1.00, 0.39, 0.00, 0.15
HSL	203°, 100%, 43%
HSV	203°, 100%, 85%
XYZ	21.1800, 22.1122, 69.4814
YIQ	103.5100, -106.8280, -2.2840

# Conversions

## Conversions Part 2

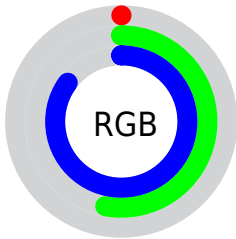
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 218
Decimal	34522
CIELab	54.15, 0.78, -51.25
CIELCh	54, 51.252, 270.872
Yxy	22.1122, 0.1878, 0.1961
Android (android.graphics.Color)	4278224602 (0xFF0086DA)
YUV	103.5100, 56.4436, -90.7783
Hunter-Lab	47.0236, -1.8926, -54.6897

# Details

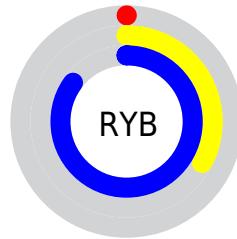
The Android color `4278224602` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292498432`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284922879`, and `4278212002` is the 20% darker color. If you saturate the color by 10%, you get `4278224602`, and if you desaturate by 10%, it is `4279668442`.

# Distribution



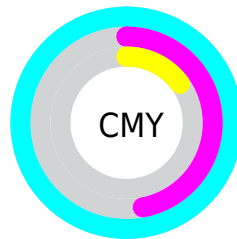
- Red (0%)
- Green (53%)
- Blue (85%)



- Red (0%)
- Yellow (33%)
- Blue (85%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



















- Cyan (100%)
- Magenta (47%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278224602 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 4278224602 by changing the saturation by 10% instead.



 4278224602	 4278224602
4294967295	 4278218174
 4284922879	 4278212002
 4287092479	 4278206344
 4289131519	 4278200942
 4291166207	 4278195797
 4293197823	 4278191677
	 4278190886
	 4278190351
	 4278190080

■ 4278224602

■ 4279668442

■ 4281112538

■ 4282490842

■ 4283934938

■ 4285378778

■ 4286822618

■ 4288266714

■ 4289645018

■ 4291089114

# Harmonies

## Analogous

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



4278227406



4278224602



4286870990

# Triad

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



4278224602



4291780439



4280849236

# Complementary

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



4278224602



4292498432

# 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.



4285238320



4278224602



4290473779

# Square

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



4278224602



4291844482



4288184353



4278228865

# Rectangle

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



4278224602



4289358266



4288184353



4282749511

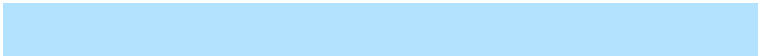


# Sweetspot

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



4278224602



4289979135



4278245972



4283592320



4278190080



4286611584

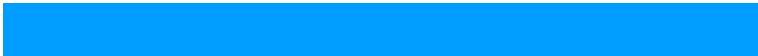


# Same Dimension

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



4278224602



4278230527



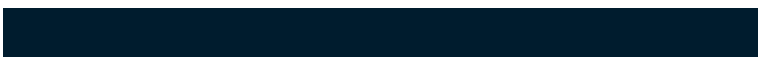
4278196698



4284705134



4278217645



4278197294



# Inverse Universe

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



4292477062



4294901917



4292526336



4285424489



4289527915



4281204764



# Previews

## White Background



This preview shows how the Android color 4278224602 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 4278224602 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 4278224602 Background



This preview shows how black text looks on a background with the Android color 4278224602.



This preview shows how white text looks on a background with the Android color 4278224602.

# 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**  
4278224602

**Protanomaly**  
4282155478

**Deuteranomaly**  
4280845275

**Tritanomaly**  
4278226097

# Monochromacy



**Original Color**  
4278224602

**Achromatopsia**  
4285032552

**Achromatomaly**  
4282545041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278224602 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, 134, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 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, 134, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 218) }
```

## Border

The CSS property to change the border of an element to Android 4278224602 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, 134, 218) }
```

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

```
.border{ border-color:rgb(0, 134, 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, 134, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4278224602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 218) }
```

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

```
.background{ background-color: rgb(0, 134,  
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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