

# Converting Colors

Android(4278226669)

Have a look what the booklet for  
Android(4278226669) contains.

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# Color

**Android(4278226669)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008EED
RGB	0, 142, 237
RGB Percent	0%, 56%, 93%
CMY	1.0000, 0.4431, 0.0706
CMYK	1.00, 0.40, 0.00, 0.07
HSL	204°, 100%, 46%
HSV	204°, 100%, 93%
XYZ	24.9591, 25.4604, 83.7196
YIQ	110.3720, -115.1270, -0.5590

# Conversions

## Conversions Part 2

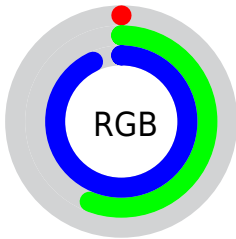
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 237
Decimal	36589
CIELab	57.52, 3.28, -56.46
CIELCh	58, 56.560, 273.327
Yxy	25.4604, 0.1861, 0.1898
Android (android.graphics.Color)	4278226669 (0xFF008EED)
YUV	110.3720, 62.4276, -96.7962
Hunter-Lab	50.4583, -0.0076, -63.0522

# Details

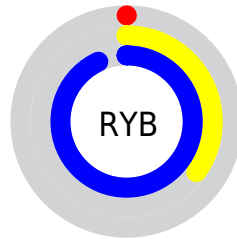
The Android color `4278226669` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4293746432`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4285252607`, and `4278214068` is the 20% darker color. If you saturate the color by 10%, you get `4278226669`, and if you desaturate by 10%, it is `4279801837`.

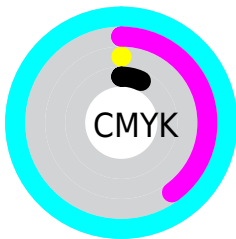
# Distribution



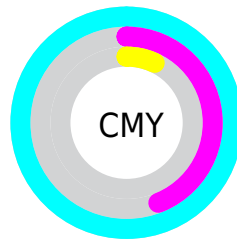
- Red (0%)
- Green (56%)
- Blue (93%)



- Red (0%)
- Yellow (35%)
- Blue (93%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (7%)



















- Cyan (100%)
- Magenta (44%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278226669 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 4278226669 by changing the saturation by 10% instead.



 4278226669	 4278226669
4294967295	 4278220240
 4285252607	 4278214068
 4287487999	 4278208153
 4289592319	 4278202495
 4291624959	 4278197605
 4293722111	 4278192460
	 4278191413
	 4278190623
	 4278190081

 4278226669

 4279801837

 4281311725

 4282886893

 4284462317

 4285971949

 4287547373

 4289122541

 4290697965

 4292207597

# Harmonies

## Analogous

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



4278229986



4278226669



4287790045

# Triad

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



4278226669



4292830295



4279017052

# Complementary

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



4278226669



4293746432

# 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.



4285306673



4278226669



4291196719

# Square

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



4278226669



4293024647



4288645659



4278231694

# Rectangle

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



4278226669



4290473158



4288645659



4282227788

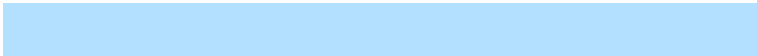


# Sweetspot

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



4278226669



4289978623



4278250847



4283592064



4278190080



4286611584

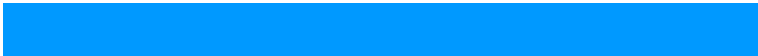


# Same Dimension

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



4278226669



4278229503



4278196461



4285165941



4278217909



4278198326



# Inverse Universe

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



4293722254



4294901913



4293776640



4285885041



4290052204



4281729056



# Previews

## White Background



This preview shows how the Android color 4278226669 looks on a white background.

### Color Contrast Check

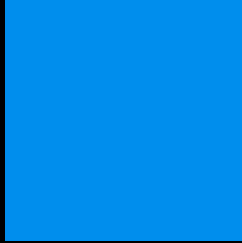
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278226669 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 4278226669 Background



This preview shows how black text looks on a background with the Android color 4278226669.



This preview shows how white text looks on a background with the Android color 4278226669.

# 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**  
4278226669

**Protanomaly**  
4282288617

**Deuteranomaly**  
4280650990

**Tritanomaly**  
4278228414

# Monochromacy



**Original Color**  
4278226669

**Achromatopsia**  
4285427310

**Achromatomaly**  
4282808988

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278226669 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, 142, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 237)  
}
```

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, 142, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 237) }
```

## Border

The CSS property to change the border of an element to Android 4278226669 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, 142, 237) }
```

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

```
.border{ border-color:rgb(0, 142, 237) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4278226669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 237) }
```

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

```
.background{ background-color: rgb(0, 142,  
237) }
```

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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