

# Converting Colors

Android(4279803634)

Have a look what the booklet for  
Android(4279803634) contains.

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# **Color**

**Android(4279803634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	189EF2
RGB	24, 158, 242
RGB Percent	9%, 62%, 95%
CMY	0.9059, 0.3804, 0.0510
CMYK	0.90, 0.35, 0.00, 0.05
HSL	203°, 89%, 52%
HSV	203°, 90%, 95%
XYZ	28.6306, 31.0587, 88.4903
YIQ	127.5100, -106.8280, -2.2840

# Conversions

## Conversions Part 2

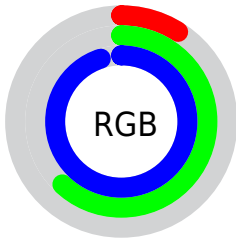
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 107, 242
Decimal	1613554
CIE Lab	62.56, -3.44, -51.20
CIE LCh	63, 51.314, 266.160
Yxy	31.0587, 0.1932, 0.2096
Android (android.graphics.Color)	4279803634 (0xFF189EF2)
YUV	127.5100, 56.4436, -90.7783
Hunter-Lab	55.7303, -5.8266, -55.1312

# Details

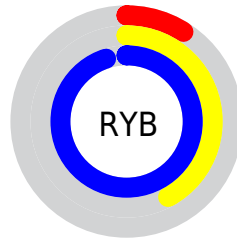
The Android color `4279803634` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle washed azure. A complement of this color would be `4294077464`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285715711`, and `4278217657` is the 20% darker color. If you saturate the color by 10%, you get `4278228466`, and if you desaturate by 10%, it is `4281378802`.

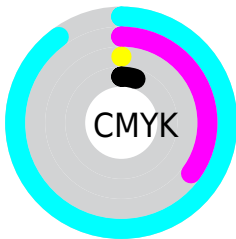
# Distribution



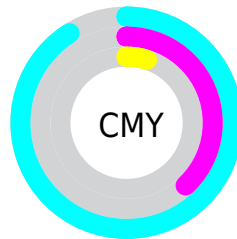
- Red (9%)
- Green (62%)
- Blue (95%)



- Red (9%)
- Yellow (42%)
- Blue (95%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (38%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279803634 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 4279803634 by changing the saturation by 10% instead.



 4279803634

 4279803634

4294967295

 4278224085

 4285715711

 4278217657

 4287885823

 4278211486

 4289986559

 4278205827

 4292018175

 4278200426

 4294049791

 4278195281

 4278191417

 4278190627

 4278190089

■ 4279803634

■ 4279803634

■ 4278228466

■ 4281378802

■ 4282954226

■ 4284594930

■ 4286170098

■ 4287745522

■ 4289320690

■ 4290895858

■ 4292536818

■ 4294111986

# Harmonies

## Analogous

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



4278233570



4279803634



4287663849

# Triad

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



4279803634



4293620594



4283410786

# Complementary

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



4279803634



4294077464

# 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.



4287209793



4279803634



4292379212

# Square

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



4279803634



4293357727



4290155320



4278234768

# Rectangle

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



4279803634



4290413015



4290155320



4284852053

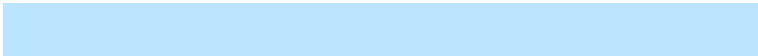


# Sweetspot

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



4279803634



4290438399



4279825004



4283920512



4278190080



4286611584

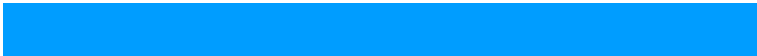


# Same Dimension

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



4279803634



4278230527



4279775730



4285297528



4278219192



4278198840



# Inverse Universe

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



4294056094



4294901917



4294105368



4286082163



4290248817

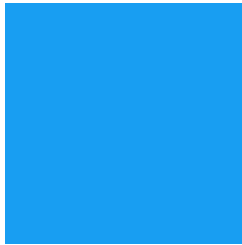


4281860130



# Previews

## White Background



This preview shows how the Android color 4279803634 looks on a white background.

## Color Contrast Check

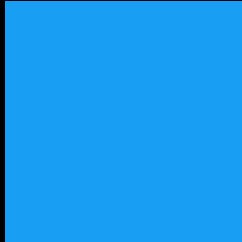
Large Text (above 18pt) WCAG AA × Fail

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 4279803634 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

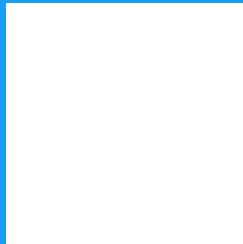
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279803634 Background



This preview shows how black text looks on a background with the Android color 4279803634.



This preview shows how white text looks on a background with the Android color 4279803634.

# 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



**Original Color**  
4279803634

**Protanopia**  
4286026729

**Deuteranopia**  
4284323828



**Tritanopia**  
4278233011

# Trichromacy



**Original Color**  
4279803634

**Protanomaly**  
4283733996

**Deuteranomaly**  
4282686195

**Tritanomaly**  
4278822090

# Monochromacy



**Original Color**  
4279803634

**Achromatopsia**  
4286611584

**Achromatomaly**  
4284124073

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279803634 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(24, 158, 242)` looks like.

```
.text, #text, p{  
    color:rgb(24, 158, 242)  
}
```

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(24, 158, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 158, 242) }
```

## Border

The CSS property to change the border of an element to Android 4279803634 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(24, 158, 242) }
```

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

```
.border{ border-color:rgb(24, 158, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 158, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 158, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 158, 242);  
box-shadow:4px 4px 4px 4px rgb(24, 158,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4279803634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 158, 242) }
```

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

```
.background{ background-color: rgb(24, 158,  
242) }
```

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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