

# Converting Colors

Android(4279802866)

Have a look what the booklet for  
Android(4279802866) contains.

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# **Color**

**Android(4279802866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	189BF2
RGB	24, 155, 242
RGB Percent	9%, 61%, 95%
CMY	0.9059, 0.3922, 0.0510
CMYK	0.90, 0.36, 0.00, 0.05
HSL	204°, 89%, 52%
HSV	204°, 90%, 95%
XYZ	28.1250, 30.0477, 88.3218
YIQ	125.7490, -106.0030, -0.7150

# Conversions

## Conversions Part 2

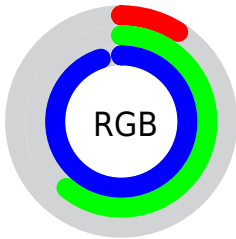
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 106, 242
Decimal	1612786
CIE Lab	61.70, -1.71, -52.57
CIE LCh	62, 52.593, 268.141
Yxy	30.0477, 0.1920, 0.2051
Android (android.graphics.Color)	4279802866 (0xFF189BF2)
YUV	125.7490, 57.3117, -89.2339
Hunter-Lab	54.8158, -4.3423, -57.1599

# Details

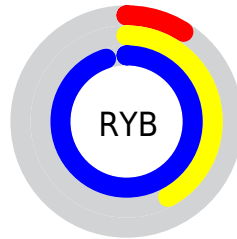
The Android color `4279802866` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle washed azure. A complement of this color would be `4294078232`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285714943`, and `4278216889` is the 20% darker color. If you saturate the color by 10%, you get `4278227442`, and if you desaturate by 10%, it is `4281378290`.

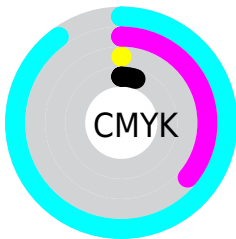
# Distribution



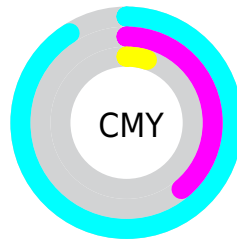
- Red (9%)
- Green (61%)
- Blue (95%)



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



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (39%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279802866 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 4279802866 by changing the saturation by 10% instead.



 4279802866

 4279802866

4294967295

 4278223317

 4285714943

 4278216889

 4287884799

 4278210974

 4289921023

 4278205059

 4292018175

 4278199914

 4294049791

 4278194513

 4278191417

 4278190627

 4278190089

■ 4279802866

■ 4279802866

■ 4278227442

■ 4281378290

■ 4282953458

■ 4284594418

■ 4286169842

■ 4287745010

■ 4289320434

■ 4290895858

■ 4292536562

■ 4294111986

# Harmonies

## Analogous

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



4278232803



4279802866



4287793895

# Triad

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



4279802866



4293488748



4282755170

# Complementary

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



4279802866



4294078232

# 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.



4286816062



4279802866



4292182086

# Square

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



4279802866



4293356698



4289827378



4278234256

# Rectangle

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



4279802866



4290543060



4289827378



4284327252

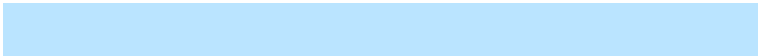


# Sweetspot

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



4279802866



4290438399



4279825004



4283920256



4278190080



4286611584

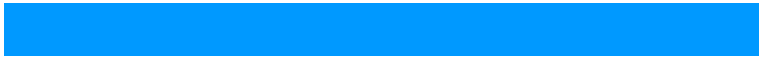


# Same Dimension

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



4279802866



4278229503



4279775730



4285297528



4278218424



4278198840



# Inverse Universe

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



4294056091



4294901913



4294105368



4286082163



4290248814

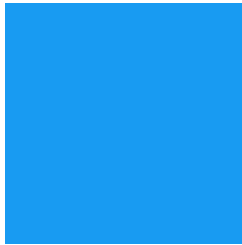


4281860130



# Previews

## White Background



This preview shows how the Android color 4279802866 looks on a white background.

## Color Contrast Check

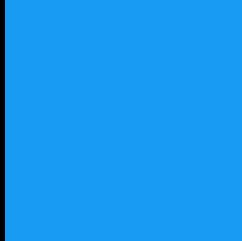
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279802866 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

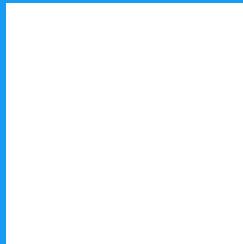
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279802866 Background



This preview shows how black text looks on a background with the Android color 4279802866.



This preview shows how white text looks on a background with the Android color 4279802866.

# 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](#).

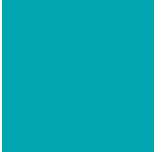
## Dichromacy



**Original Color**  
4279802866

**Protanopia**  
4285764073

**Deuteranopia**  
4283930100



# Trichromacy



**Original Color**  
4279802866

**Protanomaly**  
4283602412

**Deuteranomaly**  
4282423283

**Tritanomaly**  
4278821320

# Monochromacy



**Original Color**  
4279802866

**Achromatopsia**  
4286479998

**Achromatomaly**  
4284058024

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279802866 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, 155, 242)` looks like.

```
.text, #text, p{  
    color:rgb(24, 155, 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, 155, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 155, 242) }
```

## Border

The CSS property to change the border of an element to Android 4279802866 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, 155, 242) }
```

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

```
.border{ border-color:rgb(24, 155, 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, 155, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 155, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 155, 242);  
box-shadow:4px 4px 4px 4px rgb(24, 155,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4279802866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 155, 242) }
```

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

```
.background{ background-color: rgb(24, 155,  
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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