

# Converting Colors

Android(4279405055)

Have a look what the booklet for  
Android(4279405055) contains.

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# Color

**Android(4279405055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1289FF
RGB	18, 137, 255
RGB Percent	7%, 54%, 100%
CMY	0.9294, 0.4627, 0.0000
CMYK	0.93, 0.46, 0.00, 0.00
HSL	210°, 100%, 54%
HSV	210°, 93%, 100%
XYZ	27.2451, 25.2399, 98.0436
YIQ	114.8710, -108.8020, 11.4700

# Conversions

## Conversions Part 2

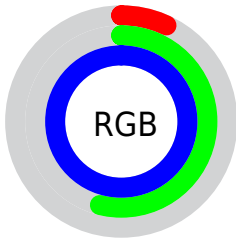
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	18, 97, 255
Decimal	1214975
CIE Lab	57.31, 13.69, -66.74
CIE LCh	57, 68.126, 281.593
Yxy	25.2399, 0.1810, 0.1677
Android (android.graphics.Color)	4279405055 (0xFF1289FF)
YUV	114.8710, 69.0836, -84.9559
Hunter-Lab	50.2393, 8.8828, -80.5386

# Details

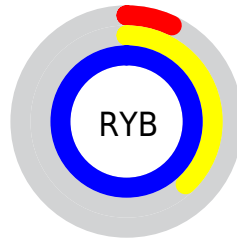
The Android color `4279405055` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4294936594`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4285775615`, and `4278212805` is the 20% darker color. If you saturate the color by 10%, you get `4278223103`, and if you desaturate by 10%, it is `4281112319`.

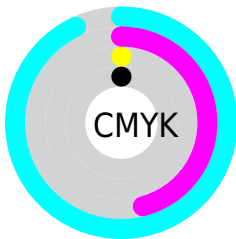
# Distribution



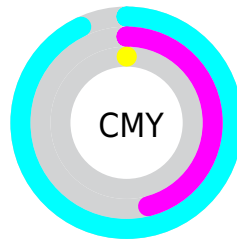
- Red (7%)
- Green (54%)
- Blue (100%)



- Red (7%)
- Yellow (38%)
- Blue (100%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279405055 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 4279405055 by changing the saturation by 10% instead.



 4279405055

 4279405055

4294967295

 4278218978

 4285775615

 4278212805

 4288010751

 4278207146

 4290115327

 4278201742

 4292214783

 4278197108

 4294311935

 4278193243

 4278191938

 4278190891

 4278190357

■ 4279405055

■ 4279405055

■ 4278223103

■ 4281112319

■ 4282753791

■ 4284461055

■ 4286102783

■ 4287809791

■ 4289451519

■ 4291158783

■ 4292800511

■ 4294507519

# Harmonies

## Analogous

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



4278229755



4279405055



4289294307

# Triad

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



4279405055



4293287485



4278231650

# Complementary

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



4279405055



4294936594

# 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.



4283210533



4279405055



4291000576

# Square

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



4279405055



4294134389



4287663616



4278232480

# Rectangle

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



4279405055



4292041667



4287663616



4278231373

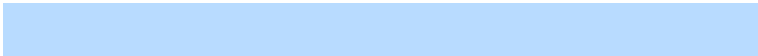


# Sweetspot

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



4279405055



4290305023



4279435141



4283722368



4278190080



4286611584



# Same Dimension

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



4279405055



4278223103



4279375615



4285757824



4278214847



4278198336



# Inverse Universe

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



4294906505



4294901888



4294966034



4286608249



4290707552



4282384416



# Previews

## White Background



This preview shows how the Android color 4279405055 looks on a white background.

## Color Contrast Check

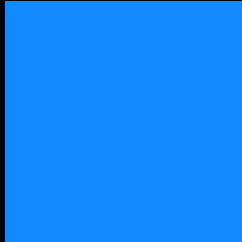
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279405055 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

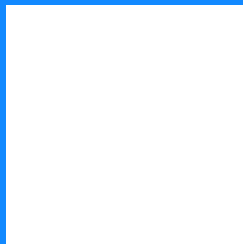
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279405055 Background



This preview shows how black text looks on a background with the Android color 4279405055.



This preview shows how white text looks on a background with the Android color 4279405055.

# 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**

4279405055

**Protanopia**

4283270650

**Deuteranopia**

4278225909



# Trichromacy



**Original Color**  
4279405055

**Protanomaly**  
4281894652

**Deuteranomaly**  
4278684409

**Tritanomaly**  
4278686660

# Monochromacy



**Original Color**  
4279405055

**Achromatopsia**  
4285756275

**Achromatomaly**  
4283464614

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279405055 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(18, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(18, 137, 255)  
}
```

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(18, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 137, 255) }
```

## Border

The CSS property to change the border of an element to Android 4279405055 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(18, 137, 255) }
```

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

```
.border{ border-color:rgb(18, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(18, 137,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4279405055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 137, 255) }
```

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

```
.background{ background-color: rgb(18, 137,  
255) }
```

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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