

# Converting Colors

Android(4280584959)

Have a look what the booklet for  
Android(4280584959) contains.

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# Color

**Android(4280584959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	248AFF
RGB	36, 138, 255
RGB Percent	14%, 54%, 100%
CMY	0.8588, 0.4588, 0.0000
CMYK	0.86, 0.46, 0.00, 0.00
HSL	212°, 100%, 57%
HSV	212°, 86%, 100%
XYZ	27.8660, 25.7720, 98.1135
YIQ	120.8400, -98.3490, 14.7630

# Conversions

## Conversions Part 2

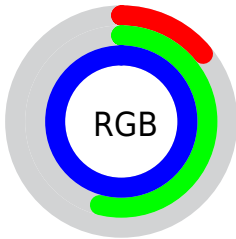
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	36, 106, 255
Decimal	2394879
CIE Lab	57.82, 13.97, -65.90
CIE LCh	58, 67.365, 281.970
Yxy	25.7720, 0.1836, 0.1698
Android (android.graphics.Color)	4280584959 (0xFF248AFF)
YUV	120.8400, 66.1409, -74.4047
Hunter-Lab	50.7662, 9.1396, -79.0509

# Details

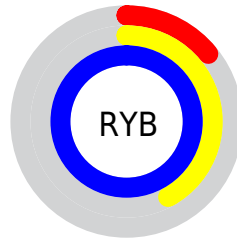
The Android color `4280584959` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4294940964`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4286169087`, and `4278213061` is the 20% darker color. If you saturate the color by 10%, you get `4278877439`, and if you desaturate by 10%, it is `4282226943`.

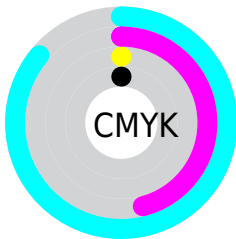
# Distribution



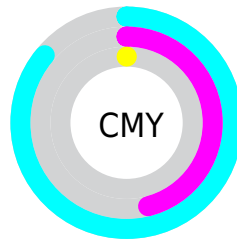
- Red (14%)
- Green (54%)
- Blue (100%)



- Red (14%)
- Yellow (42%)
- Blue (100%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280584959 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 4280584959 by changing the saturation by 10% instead.



 4280584959

 4280584959

4294967295

 4278219234

 4286169087

 4278213061

 4288338687

 4278207402

 4290443263

 4278201998

 4292542463

 4278197364

 4294574079

 4278192731

 4278191938

 4278190891

 4278190357

■ 4280584959

■ 4280584959

■ 4278877439

■ 4282226943

■ 4278220799

■ 4283934207

■ 4285576191

■ 4287283455

■ 4288925439

■ 4290632959

■ 4292274687

■ 4293982207

4294967295

# Harmonies

## Analogous

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



4278230011



4280584959



4289425635

# Triad

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



4280584959



4293353790



4278232164

# Complementary

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



4280584959



4294940964

# 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.



4283276585



4280584959



4291001089

# Square

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



4280584959



4294200694



4287729664



4278232738

# Rectangle

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



4280584959



4292107715



4287729664



4278231632



# Sweetspot

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



4280584959



4290632959



4280614809



4283984512



4278190080



4286611584



# Same Dimension

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



4280584959



4278220799



4281017599



4285757824



4278213055



4278197824



# Inverse Universe

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



4294911114



4294901879



4294508324



4286608249



4290707545



4282384414



# Previews

## White Background



This preview shows how the Android color 4280584959 looks on a white background.

## Color Contrast Check

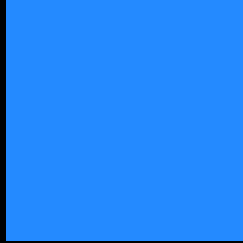
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280584959 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

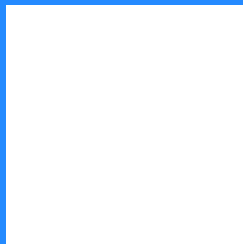
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280584959 Background



This preview shows how black text looks on a background with the Android color 4280584959.

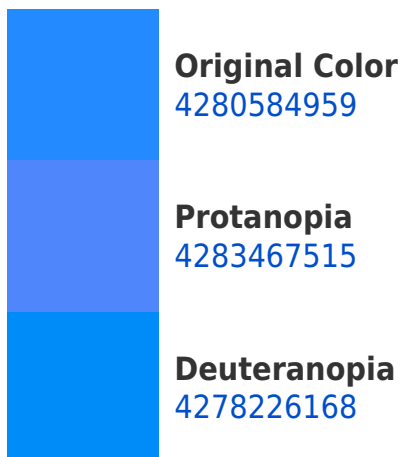


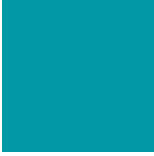
This preview shows how white text looks on a background with the Android color 4280584959.

# Color Blindness Simulation

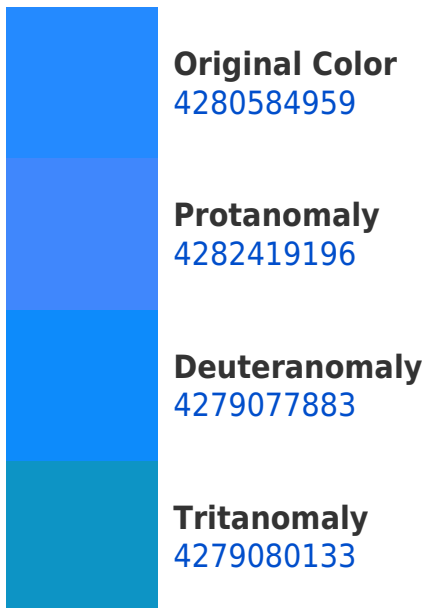
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280584959 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(36, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(36, 138, 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(36, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 138, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280584959 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(36, 138, 255) }
```

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

```
.border{ border-color:rgb(36, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(36, 138,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280584959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 138, 255) }
```

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

```
.background{ background-color: rgb(36, 138,  
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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