

# Converting Colors

Android(4280845055)

Have a look what the booklet for  
Android(4280845055) contains.

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# Color

**Android(4280845055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2882FF
RGB	40, 130, 255
RGB Percent	16%, 51%, 100%
CMY	0.8431, 0.4902, 0.0000
CMYK	0.84, 0.49, 0.00, 0.00
HSL	215°, 100%, 58%
HSV	215°, 84%, 100%
XYZ	26.9077, 23.6364, 97.7518
YIQ	117.3400, -93.7650, 19.7950

# Conversions

## Conversions Part 2

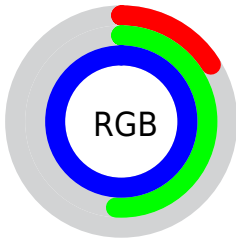
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 103, 255
Decimal	2654975
CIE Lab	55.72, 19.16, -69.28
CIE LCh	56, 71.881, 285.462
Yxy	23.6364, 0.1814, 0.1594
Android (android.graphics.Color)	4280845055 (0xFF2882FF)
YUV	117.3400, 67.8664, -67.8272
Hunter-Lab	48.6173, 13.7124, -85.1788

# Details

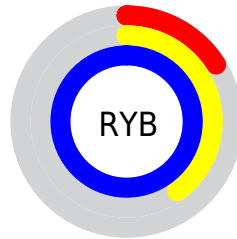
The Android color `4280845055` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4294944040`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4286297855`, and `4278211269` is the 20% darker color. If you saturate the color by 10%, you get `4279202815`, and if you desaturate by 10%, it is `4282552831`.

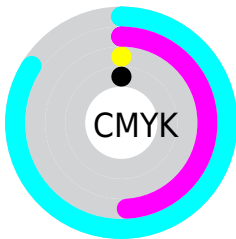
# Distribution



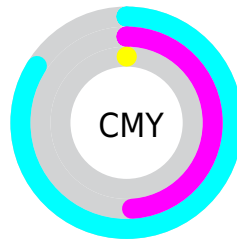
- Red (16%)
- Green (51%)
- Blue (100%)



- Red (16%)
- Yellow (40%)
- Blue (100%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280845055 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 4280845055 by changing the saturation by 10% instead.



 4280845055

 4280845055

4294967295

 4278217186

 4286297855

 4278211269

 4288467711

 4278205609

 4290572031

 4278200462

 4292607999

 4278195828

 4294705151

 4278193498

 4278191938

 4278190891

 4278190357

■ 4280845055

■ 4280845055

■ 4279202815

■ 4282552831

■ 4278217727

■ 4284195071

■ 4285902591

■ 4287544831

■ 4289252607

■ 4290894847

■ 4292602623

■ 4294244863

4294967295

# Harmonies

## Analogous

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



4278228479



4280845055



4289750238

# Triad

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



4280845055



4292958765



4278230884

# Complementary

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



4280845055



4294944040

# 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.



4281571617



4280845055



4290410496

# Square

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



4280845055



4294131816



4286811392



4278231461

# Rectangle

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



4280845055



4292366011



4286811392



4278230606

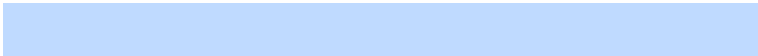


# Sweetspot

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



4280845055



4290763519



4280876962



4284049792



4278190080



4286611584



# Same Dimension

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



4280845055



4278217727



4281739519



4285757568



4278210751



4278197056



# Inverse Universe

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



4294912130



4294901867



4294049576



4286608248



4290707536



4282384411



# Previews

## White Background



This preview shows how the Android color 4280845055 looks on a white background.

## Color Contrast Check

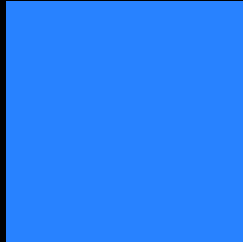
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280845055 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

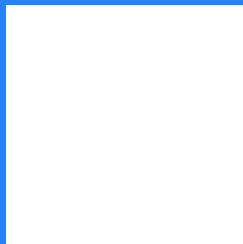
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280845055 Background



This preview shows how black text looks on a background with the Android color 4280845055.

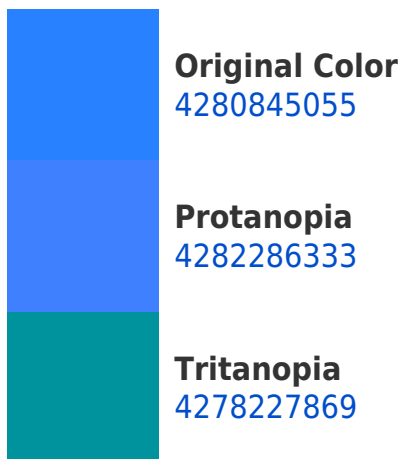


This preview shows how white text looks on a background with the Android color 4280845055.

# 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**  
4280845055

**Protanomaly**  
4281762302

**Tritanomaly**  
4279209409

# Monochromacy



**Original Color**  
4280845055

**Achromatopsia**  
4285887861

**Achromatomaly**  
4284054183

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280845055 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(40, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(40, 130, 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(40, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 130, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280845055 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(40, 130, 255) }
```

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

```
.border{ border-color:rgb(40, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(40, 130,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280845055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 130, 255) }
```

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

```
.background{ background-color: rgb(40, 130,  
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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