

# Converting Colors

Android(4283852024)

Have a look what the booklet for  
Android(4283852024) contains.

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# Color

**Android(4283852024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5664F8
RGB	86, 100, 248
RGB Percent	34%, 39%, 97%
CMY	0.6627, 0.6078, 0.0275
CMYK	0.65, 0.60, 0.00, 0.03
HSL	235°, 92%, 65%
HSV	235°, 65%, 97%
XYZ	25.3382, 17.8701, 90.9207
YIQ	112.6860, -55.8520, 43.0600

# Conversions

## Conversions Part 2

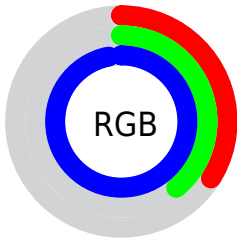
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 99, 248
Decimal	5661944
CIE Lab	49.34, 40.17, -75.68
CIE LCh	49, 85.682, 297.956
Yxy	17.8701, 0.1889, 0.1332
Android (android.graphics.Color)	4283852024 (0xFF5664F8)
YUV	112.6860, 66.7098, -23.4036
Hunter-Lab	42.2730, 33.0140, -97.9297

# Details

The Android color `4283852024` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted azure. A complement of this color would be `4294502998`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4288124927`, and `4278203838` is the 20% darker color. If you saturate the color by 10%, you get `4282207736`, and if you desaturate by 10%, it is `4285496312`.

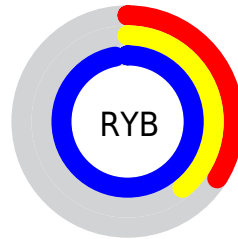
# Distribution



Red (34%)

Green (39%)

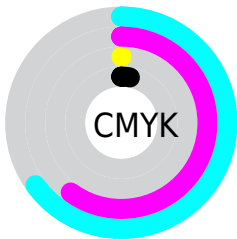
Blue (97%)



Red (34%)

Yellow (39%)

Blue (97%)

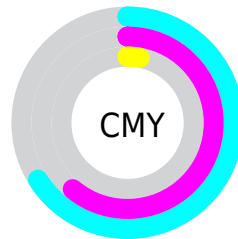


Cyan (65%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (66%)

Magenta (61%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color #4283852024 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 #4283852024 by changing the saturation by 10% instead.



 4283852024

 4283852024

4294967295

 4281158875

 4288124927

 4278203838

 4290163455

 4278198691

 4292201983

 4278194055

 4294240767

 4278190189

 4278192980

 4278191676

 4278190629

 4278190349

■ 4283852024

■ 4283852024

■ 4282207736

■ 4285496312

■ 4280563704

■ 4287140344

■ 4278984952

■ 4288719096

■ 4278195704

■ 4290363384

■ 4292007416

■ 4293651704

■ 4294967288

# Harmonies

## Analogous

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



4278223359



4283852024



4291047620

# Triad

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



4283852024



4291383040



4278227566

# Complementary

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



4283852024



4294502998

# 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.



4278226459



4283852024



4287852800

# Square

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



4283852024



4293526583



4283073536



4278227896

# Rectangle

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



4283852024



4293132438



4283073536



4278227284



# Sweetspot

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



4283852024



4291612927



4283889896



4284572800



4278190080



4286611584



# Same Dimension

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



4283852024



4281879039



4288108280



4285559421



4278194365



4278191421



# Inverse Universe

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



4294465124



4294916169



4290246742



4286410866



4290576400

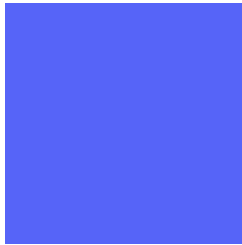


4282187781



# Previews

## White Background



This preview shows how the Android color 4283852024 looks on a white background.

## Color Contrast Check

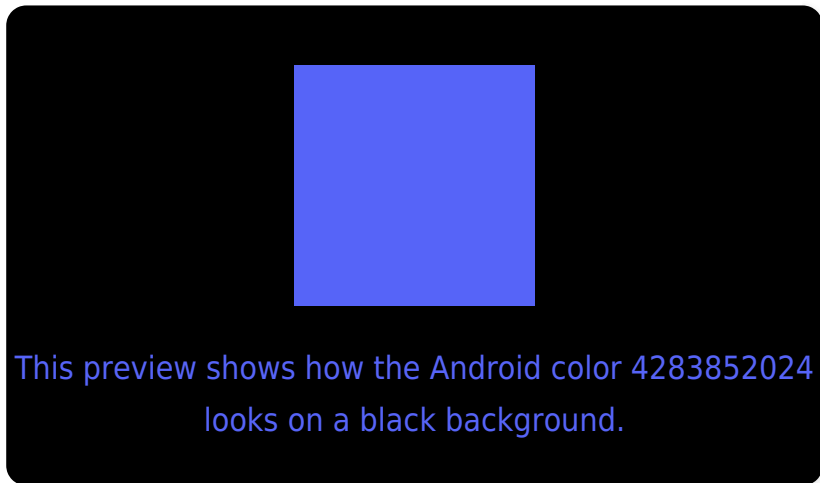
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 4283852024 Background



This preview shows how black text looks on a background with the Android color 4283852024.



This preview shows how white text looks on a background with the Android color 4283852024.

# 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**

4283852024



**Protanomaly**

4280249586



**Deuteranomaly**

4280250589



**Tritanomaly**

4280252083

# Monochromacy



**Original Color**

4283852024



**Achromatopsia**

4285624689



**Achromatomaly**

4284968098

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283852024 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(86, 100, 248)` looks like.

```
.text, #text, p{  
    color:rgb(86, 100, 248)  
}
```

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(86, 100, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 100, 248) }
```

## Border

The CSS property to change the border of an element to Android 4283852024 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(86, 100, 248) }
```

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

```
.border{ border-color:rgb(86, 100, 248) }
```

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

Here you see how a box with a 4 pixel rgb(86, 100, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 100, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 100, 248);  
box-shadow:4px 4px 4px 4px rgb(86, 100,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4283852024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 100, 248) }
```

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

```
.background{ background-color: rgb(86, 100,  
248) }
```

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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