

# Converting Colors

Android(4286880744)

Have a look what the booklet for  
Android(4286880744) contains.

<b>Android(4286880744)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4286880744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	849BE8
RGB	132, 155, 232
RGB Percent	52%, 61%, 91%
CMY	0.4824, 0.3922, 0.0902
CMYK	0.43, 0.33, 0.00, 0.09
HSL	226°, 68%, 71%
HSV	226°, 43%, 91%
XYZ	35.8026, 34.1744, 81.0533
YIQ	156.9010, -38.4250, 19.0710

# Conversions

## Conversions Part 2

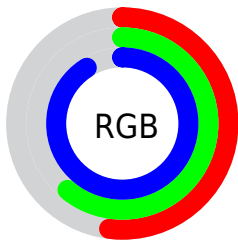
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 151, 232</a>
Decimal	<a href="#">8690664</a>
CIELab	<a href="#">65.10, 11.53, -41.43</a>
CIElCh	<a href="#">65, 43.004, 285.550</a>
Yxy	<a href="#">34.1744, 0.2371, 0.2263</a>
Android (android.graphics.Color)	<a href="#">4286880744 (0xFF849BE8)</a>
YUV	<a href="#">156.9010, 37.0238, -21.8382</a>
Hunter-Lab	<a href="#">58.4589, 7.0175, -41.2844</a>

# Details

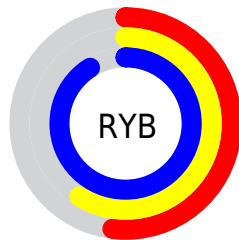
The Android color `4286880744` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293448068`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4290630143`, and `4283197616` is the 20% darker color. If you saturate the color by 10%, you get `4285368808`, and if you desaturate by 10%, it is `4288392680`.

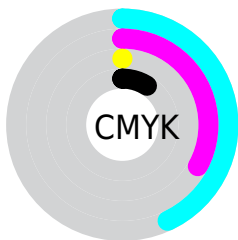
# Distribution



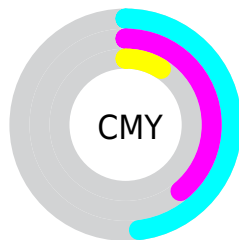
- Red (52%)
- Green (61%)
- Blue (91%)



- Red (52%)
- Yellow (59%)
- Blue (91%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (39%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286880744 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 4286880744 by changing the saturation by 10% instead.



 4286880744

 4286880744

4294967295

 4285039052

 4290630143

 4283197616

 4292537855

 4281290901

 4294443007

 4278467195

 4278199650

 4278194249

 4278191154

 4278190620

 4278190080

■ 4286880744

■ 4286880744

■ 4285368808

■ 4288392680

■ 4283856872

■ 4289904616

■ 4282279400

■ 4291482088

■ 4280767720

■ 4292993768

■ 4279255784

■ 4294505704

■ 4278203880

■ 4294967272

# Harmonies

## Analogous

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



4281247720



4286880744



4290481364

# Triad

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



4286880744



4292839529



4282298762

# Complementary

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



4286880744



4293448068

# 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.



4286032742



4286880744



4291204435

# Square

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



4286880744



4293427083



4288848466



4278235825

# Rectangle

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



4286880744



4292117695



4288848466



4283740029



# Sweetspot

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



4286880744



4292797951



4286900433



4285231232



4278190080



4286611584



# Same Dimension

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



4286880744



4286224895



4288644328



4284967539



4278200755



4278193203



# Inverse Universe

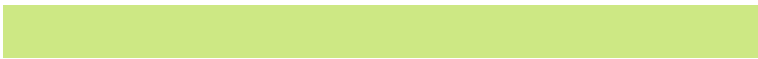
The Inverse Universe completely reimagines the original color for something new.



4293428379



4294933145



4291684484



4285753194



4289921065

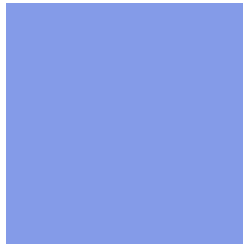


4281532428



# Previews

## White Background



This preview shows how the Android color 4286880744 looks on a white background.

## Color Contrast Check

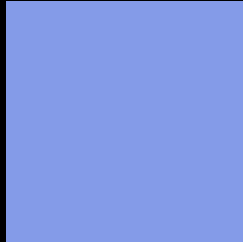
Large Text (above 18pt) WCAG AA × Fail

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 4286880744 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 4286880744 Background



This preview shows how black text looks on a background with the Android color 4286880744.



This preview shows how white text looks on a background with the Android color 4286880744.

# 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**  
4286880744

**Protanopia**  
4286880744

**Deuteranopia**  
4286488040



# Trichromacy



**Original Color**  
4286880744

**Protanomaly**  
4286880744

**Deuteranomaly**  
4286618856

**Tritanomaly**  
4286292678

# Monochromacy



**Original Color**  
4286880744

**Achromatopsia**  
4288519581

**Achromatomaly**  
4287929528

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286880744 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(132, 155, 232)` looks like.

```
.text, #text, p{  
    color:rgb(132, 155, 232)  
}
```

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(132, 155, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 155, 232) }
```

## Border

The CSS property to change the border of an element to Android 4286880744 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(132, 155, 232) }
```

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

```
.border{ border-color:rgb(132, 155, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 155, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 155, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 155, 232);  
box-shadow:4px 4px 4px 4px rgb(132, 155,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4286880744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 155, 232) }
```

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

```
.background{ background-color: rgb(132,  
155, 232) }
```

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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