

# Converting Colors

Android(4286745835)

Have a look what the booklet for  
Android(4286745835) contains.

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# **Color**

**Android(4286745835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	828CEB
RGB	130, 140, 235
RGB Percent	51%, 55%, 92%
CMY	0.4902, 0.4510, 0.0784
CMYK	0.45, 0.40, 0.00, 0.08
HSL	234°, 72%, 72%
HSV	234°, 45%, 92%
XYZ	33.5794, 29.5002, 82.5215
YIQ	147.8400, -36.4550, 27.4250

# Conversions

## Conversions Part 2

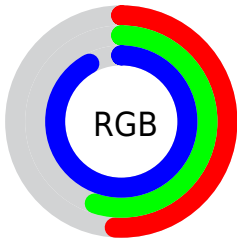
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 139, 235
Decimal	8555755
CIE <sub>Lab</sub>	61.22, 20.62, -49.21
CIE <sub>LCh</sub>	61, 53.354, 292.735
Yxy	29.5002, 0.2306, 0.2026
Android (android.graphics.Color)	4286745835 (0xFF828CEB)
YUV	147.8400, 42.9699, -15.6457
Hunter-Lab	54.3140, 15.3072, -52.0619

# Details

The Android color `4286745835` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293648770`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4290494975`, and `4282997427` is the 20% darker color. If you saturate the color by 10%, you get `4285233131`, and if you desaturate by 10%, it is `4288324075`.

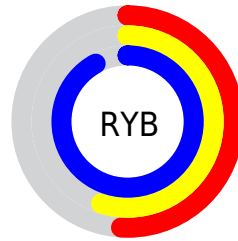
# Distribution



Red (51%)

Green (55%)

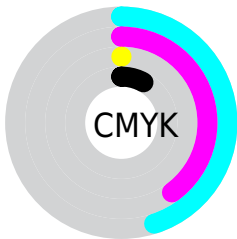
Blue (92%)



Red (51%)

Yellow (55%)

Blue (92%)

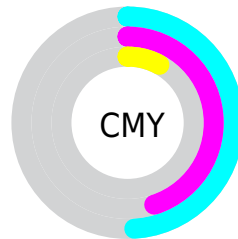


Cyan (45%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (45%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286745835 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 4286745835 by changing the saturation by 10% instead.





4286745835



4286745835

4294967295



4284904398



4290494975



4282997427



4292402687



4280894359



4294376191



4278201725



4278196580



4278190155



4278191156



4278190621



4278190080

■ 4286745835

■ 4286745835

■ 4285233131

■ 4288324075

■ 4283654635

■ 4289837035

■ 4282141931

■ 4291415275

■ 4280563691

■ 4292927979

■ 4279050987

■ 4294506219

■ 4278195947

■ 4294967275

# Harmonies

## Analogous

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



4278230257



4286745835



4290934989

# Triad

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



4286745835



4292442954



4278233734

# Complementary

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



4286745835



4293648770

# 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.



4283475288



4286745835



4290284849

# Square

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



4286745835



4293553266



4287339575



4278234039

# Rectangle

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



4286745835



4292636337



4287339575



4278233462



# Sweetspot

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



4286745835



4292796927



4286770145



4285230464



4278190080



4286611584



# Same Dimension

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



4286745835



4285891327



4289495787



4285164405



4278194613



4278191414



# Inverse Universe

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



4293624460



4294931842



4290898818



4285885035



4290052113

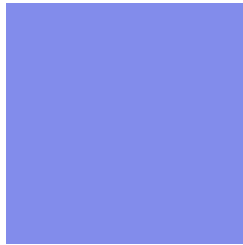


4281729029



# Previews

## White Background



This preview shows how the Android color 4286745835 looks on a white background.

## Color Contrast Check

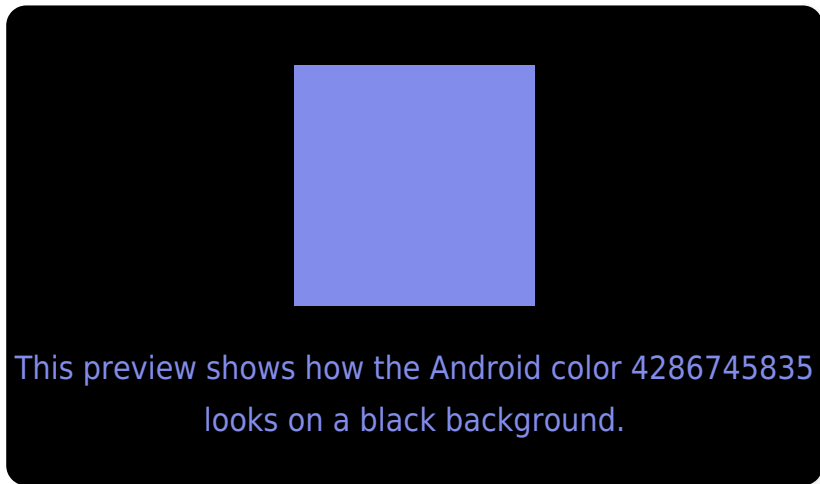
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4286745835 Background



This preview shows how black text looks on a background with the Android color 4286745835.



This preview shows how white text looks on a background with the Android color 4286745835.

# 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**  
4286745835

**Protanomaly**  
4285894638

**Deuteranomaly**  
4285501930

**Tritanomaly**  
4285961920

# Monochromacy



**Original Color**  
4286745835

**Achromatopsia**  
4287927444

**Achromatomaly**  
4287467956

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286745835 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(130, 140, 235)` looks like.

```
.text, #text, p{  
    color:rgb(130, 140, 235)  
}
```

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(130, 140, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 140, 235) }
```

## Border

The CSS property to change the border of an element to Android 4286745835 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(130, 140, 235) }
```

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

```
.border{ border-color:rgb(130, 140, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 140, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 140, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 140, 235);  
box-shadow:4px 4px 4px 4px rgb(130, 140,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4286745835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 140, 235) }
```

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

```
.background{ background-color: rgb(130,  
140, 235) }
```

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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