

# Converting Colors

Android(4286758124)

Have a look what the booklet for  
Android(4286758124) contains.

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# **Color**

**Android(4286758124)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82BCEC
RGB	130, 188, 236
RGB Percent	51%, 74%, 93%
CMY	0.4902, 0.2627, 0.0745
CMYK	0.45, 0.20, 0.00, 0.07
HSL	207°, 74%, 72%
HSV	207°, 45%, 93%
XYZ	42.3295, 46.7684, 86.1531
YIQ	176.1300, -49.9760, 2.6320

# Conversions

## Conversions Part 2

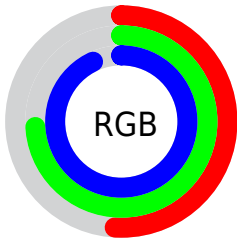
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 167, 236
Decimal	8568044
CIE Lab	74.04, -6.28, -29.74
CIE LCh	74, 30.395, 258.080
Yxy	46.7684, 0.2415, 0.2669
Android (android.graphics.Color)	4286758124 (0xFF82BCEC)
YUV	176.1300, 29.5159, -40.4560
Hunter-Lab	68.3874, -9.1926, -26.8211

# Details

The Android color `4286758124` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293702274`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4290508031`, and `4283008948` is the 20% darker color. If you saturate the color by 10%, you get `4285182444`, and if you desaturate by 10%, it is `4288333804`.

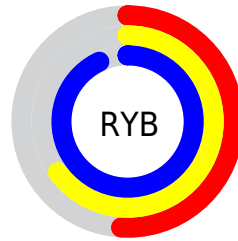
# Distribution



Red (51%)

Green (74%)

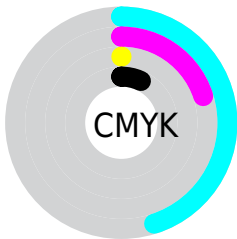
Blue (93%)



Red (51%)

Yellow (65%)

Blue (93%)

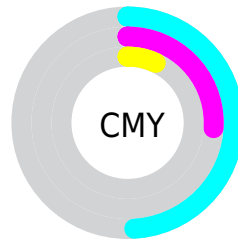


Cyan (45%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (49%)

Magenta (26%)
















Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286758124 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 4286758124 by changing the saturation by 10% instead.



 4286758124	 4286758124
 4294967295	 4284916176
 4290508031	 4283008948
 4292411391	 4280970905
 4294377471	 4278211967
	 4278206054
	 4278200654
	 4278195510
	 4278190625
	 4278190085

■ 4286758124

■ 4286758124

■ 4285182444

■ 4288333804

■ 4283672556

■ 4289843692

■ 4282096876

■ 4291419372

■ 4280586732

■ 4292929516

■ 4279011308

■ 4294504940

■ 4278223340

■ 4294966508

■ 4294967276

# Harmonies

## Analogous

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



4284728031



4286758124



4289442795

# Triad

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



4286758124



4293829286



4288266640

# Complementary

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



4286758124



4293702274

# 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.



4290296449



4286758124



4293371790

# Square

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



4286758124



4293305026



4292128896



4286170538

# Rectangle

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



4286758124



4291079394



4292128896



4288987017

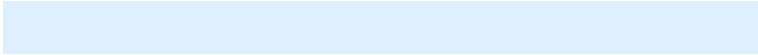


# Sweetspot

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



4286758124



4292800767



4286770354



4285232768



4278190080



4286611584

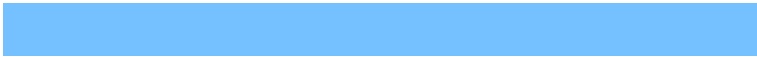


# Same Dimension

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



4286758124



4285907455



4286744556



4285165685



4278215605



4278197558



# Inverse Universe

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



4293690044



4294931905



4293715842



4285885040



4290052195

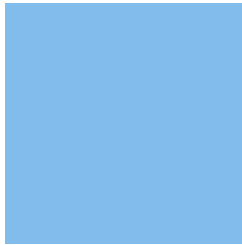


4281729053



# Previews

## White Background



This preview shows how the Android color 4286758124 looks on a white background.

## Color Contrast Check

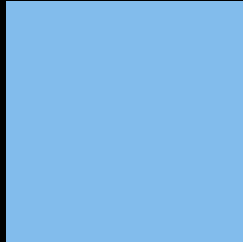
Large Text (above 18pt) WCAG AA × Fail

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 4286758124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

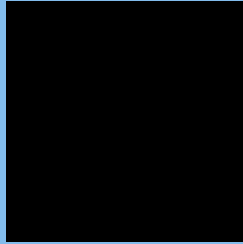
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286758124 Background



This preview shows how black text looks on a background with the Android color 4286758124.



This preview shows how white text looks on a background with the Android color 4286758124.

# 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**  
4286758124

**Protanomaly**  
4288394984

**Deuteranomaly**  
4288329453

**Tritanomaly**  
4286431194

# Monochromacy



**Original Color**  
4286758124

**Achromatopsia**  
4289769648

**Achromatomaly**  
4288656582

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286758124 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, 188, 236)` looks like.

```
.text, #text, p{  
    color:rgb(130, 188, 236)  
}
```

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, 188, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 188, 236) }
```

## Border

The CSS property to change the border of an element to Android 4286758124 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, 188, 236) }
```

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

```
.border{ border-color:rgb(130, 188, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 188, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 188, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 188, 236);  
box-shadow:4px 4px 4px 4px rgb(130, 188,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4286758124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 188, 236) }
```

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

```
.background{ background-color: rgb(130,  
188, 236) }
```

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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