

# Converting Colors

Android(4286758364)

Have a look what the booklet for  
Android(4286758364) contains.

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# **Color**

**Android(4286758364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82BDDC
RGB	130, 189, 220
RGB Percent	51%, 74%, 86%
CMY	0.4902, 0.2588, 0.1373
CMYK	0.41, 0.14, 0.00, 0.14
HSL	201°, 56%, 69%
HSV	201°, 41%, 86%
XYZ	40.3218, 46.3083, 74.5234
YIQ	174.8930, -45.1150, -2.8670

# Conversions

## Conversions Part 2

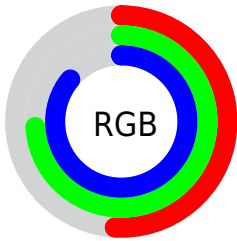
Format	Color
R <sub>YB</sub>	130, 166, 220
Decimal	8568284
CIE Lab	73.75, -11.14, -21.52
CIE LCh	74, 24.232, 242.641
Yxy	46.3083, 0.2502, 0.2874
Android (android.graphics.Color)	4286758364 (0xFF82BDDC)
YUV	174.8930, 22.2378, -39.3712
Hunter-Lab	68.0502, -13.3213, -17.2947

# Details

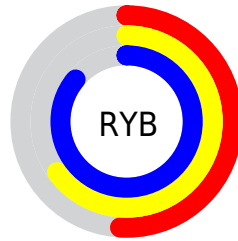
The Android color `4286758364` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292649346`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4290442751`, and `4283140261` is the 20% darker color. If you saturate the color by 10%, you get `4285314524`, and if you desaturate by 10%, it is `4288202204`.

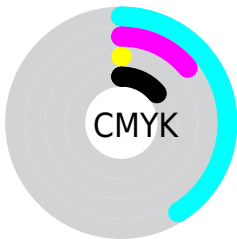
# Distribution



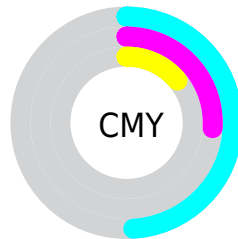
- Red (51%)
- Green (74%)
- Blue (86%)



- Red (51%)
- Yellow (65%)
- Blue (86%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (49%)
- Magenta (26%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286758364 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 4286758364 by changing the saturation by 10% instead.



 4286758364

 4286758364

4294967295

 4284981952

 4290442751

 4283140261

 4292345855

 4281233035

 4294246399

 4278605425

 4278206296

 4278200641

 4278195499

 4278190358

 4278190080

■ 4286758364

■ 4286758364

■ 4285314524

■ 4288202204

■ 4283870940

■ 4289645788

■ 4282427100

■ 4291089628

■ 4280983516

■ 4292533212

■ 4279539676

■ 4293977052

■ 4278227164

■ 4294961884

■ 4294963932

■ 4294965980

■ 4294967260

# Harmonies

## Analogous

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



4285972940



4286758364



4288526305

# Triad

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



4286758364



4292978100



4289510287

# Complementary

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



4286758364



4292649346

# 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.



4291081353



4286758364



4293044126

# Square

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



4286758364



4292126922



4292324750



4287807648

# Rectangle

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



4286758364



4289901022



4292324750



4290034060

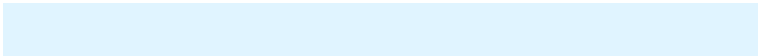


# Sweetspot

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



4286758364



4292932863



4286766240



4285430144



4278190080



4286611584

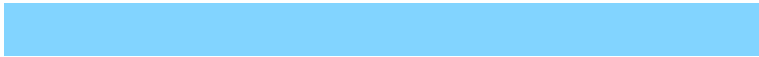


# Same Dimension

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



4286758364



4286764287



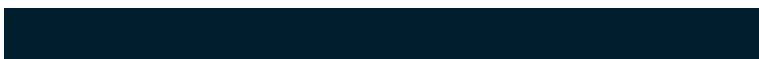
4286747100



4284705390



4278219437



4278197806



# Inverse Universe

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



4292641469



4294935252



4292660610



4285424490



4289527922

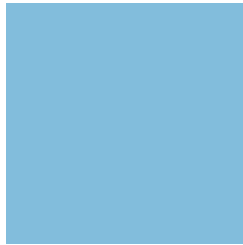


4281204766



# Previews

## White Background



This preview shows how the Android color 4286758364 looks on a white background.

## Color Contrast Check

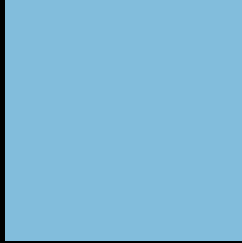
Large Text (above 18pt) WCAG AA × Fail

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 4286758364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

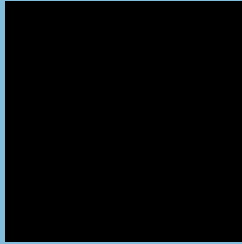
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286758364 Background



This preview shows how black text looks on a background with the Android color 4286758364.



This preview shows how white text looks on a background with the Android color 4286758364.

# 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



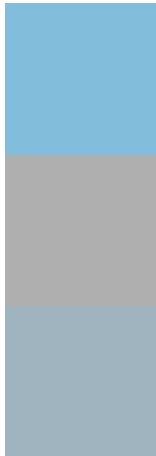
**Original Color**  
4286758364

**Protanomaly**  
4288591832

**Deuteranomaly**  
4288722398

**Tritanomaly**  
4286562004

# Monochromacy



**Original Color**  
4286758364

**Achromatopsia**  
4289703855

**Achromatomaly**  
4288656575

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286758364 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, 189, 220)` looks like.

```
.text, #text, p{  
    color:rgb(130, 189, 220)  
}
```

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, 189, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 189, 220) }
```

## Border

The CSS property to change the border of an element to Android 4286758364 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, 189, 220) }
```

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

```
.border{ border-color:rgb(130, 189, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 189, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 189, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 189, 220); box-shadow:4px 4px 4px 4px rgb(130, 189, 220) }
```

# Background

The CSS property to change the background color of an element to Android 4286758364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 189, 220) }
```

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

```
.background{ background-color: rgb(130,  
189, 220) }
```

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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