

# Converting Colors

Android(4286362068)

Have a look what the booklet for  
Android(4286362068) contains.

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# **Color**

**Android(4286362068)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CB1D4
RGB	124, 177, 212
RGB Percent	49%, 69%, 83%
CMY	0.5137, 0.3059, 0.1686
CMYK	0.42, 0.17, 0.00, 0.17
HSL	204°, 51%, 66%
HSV	204°, 42%, 83%
XYZ	35.9180, 40.4828, 68.2082
YIQ	165.1430, -42.8230, -0.3510

# Conversions

## Conversions Part 2

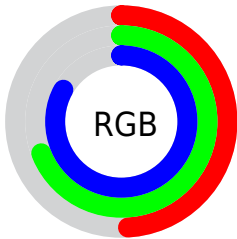
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 157, 212
Decimal	8171988
CIELab	69.81, -8.39, -23.18
CIELCh	70, 24.649, 250.097
Yxy	40.4828, 0.2484, 0.2799
Android (android.graphics.Color)	4286362068 (0xFF7CB1D4)
YUV	165.1430, 23.1005, -36.0824
Hunter-Lab	63.6261, -10.5795, -19.0216

# Details

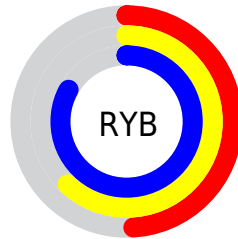
The Android color `4286362068` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292124540`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4290046463`, and `4282743965` is the 20% darker color. If you saturate the color by 10%, you get `4284983764`, and if you desaturate by 10%, it is `4287740372`.

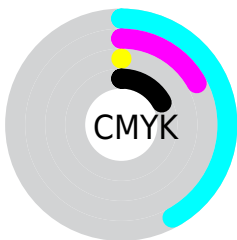
# Distribution



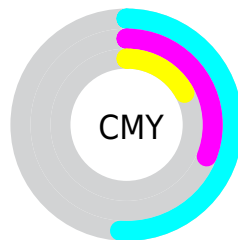
- Red (49%)
- Green (69%)
- Blue (83%)



- Red (49%)
- Yellow (62%)
- Blue (83%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (31%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286362068 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 4286362068 by changing the saturation by 10% instead.





4286362068



4286362068

4294967295



4284585656



4290046463



4282743965



4291887103



4280837251



4293787647



4278209642



4278203730



4278198330



4278190629



4278190349



4278190080

■ 4286362068

■ 4286362068

■ 4284983764

■ 4287740372

■ 4283605204

■ 4289118932

■ 4282161364

■ 4290562772

■ 4280782804

■ 4291941332

■ 4279404500

■ 4293319636

■ 4278223060

■ 4294698196

■ 4294962388

■ 4294964436

■ 4294966740

# Harmonies

## Analogous

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



4285183687



4286362068



4288326358

# Triad

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



4286362068



4292385444



4288328328

# Complementary

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



4286362068



4292124540

# 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.



4289965182



4286362068



4292189839

# Square

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



4286362068



4291730618



4291339393



4286690971

# Rectangle

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



4286362068



4289635793



4291339393



4288917636

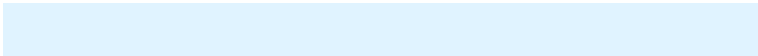


# Sweetspot

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



4286362068



4292932607



4286370974



4285429888



4278190080



4286611584

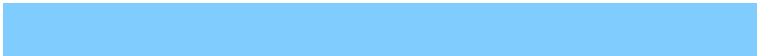


# Same Dimension

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



4286362068



4286631167



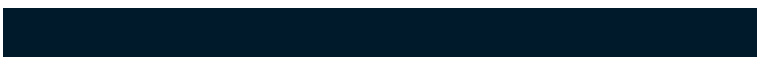
4286351060



4284508011



4278216619



4278196779



# Inverse Universe

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



4292115633



4294934732



4292135548



4285227111



4289396839



4281008154



# Previews

## White Background



This preview shows how the Android color 4286362068 looks on a white background.

## Color Contrast Check

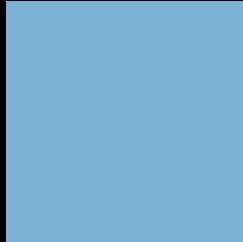
Large Text (above 18pt) WCAG AA × Fail

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 4286362068 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 4286362068 Background



This preview shows how black text looks on a background with the Android color 4286362068.

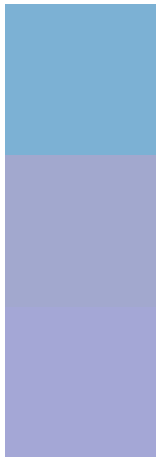


This preview shows how white text looks on a background with the Android color 4286362068.

# 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**  
4286362068

**Protanopia**  
4288850126

**Deuteranopia**  
4288980950



# Trichromacy



**Original Color**  
4286362068

**Protanomaly**  
4287933392

**Deuteranomaly**  
4287998933

**Tritanomaly**  
4286165961

# Monochromacy



**Original Color**  
4286362068

**Achromatopsia**  
4289045925

**Achromatomaly**  
4288063926

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286362068 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(124, 177, 212)` looks like.

```
.text, #text, p{  
    color:rgb(124, 177, 212)  
}
```

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(124, 177, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 177, 212) }
```

## Border

The CSS property to change the border of an element to Android 4286362068 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(124, 177, 212) }
```

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

```
.border{ border-color:rgb(124, 177, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 177, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 177, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 177, 212);  
box-shadow:4px 4px 4px 4px rgb(124, 177,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4286362068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 177, 212) }
```

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

```
.background{ background-color: rgb(124,  
177, 212) }
```

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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