

# Converting Colors

Android(4286496221)

Have a look what the booklet for  
Android(4286496221) contains.

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# **Color**

**Android(4286496221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBDDD
RGB	126, 189, 221
RGB Percent	49%, 74%, 87%
CMY	0.5059, 0.2588, 0.1333
CMYK	0.43, 0.14, 0.00, 0.13
HSL	200°, 58%, 68%
HSV	200°, 43%, 87%
XYZ	39.8529, 46.0513, 75.1949
YIQ	173.8110, -47.8200, -3.4040

# Conversions

## Conversions Part 2

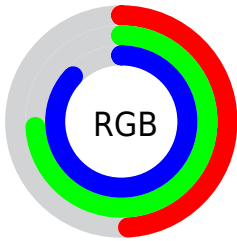
Format	Color
<a href="#">RYB</a>	<a href="#">126, 164, 221</a>
Decimal	<a href="#">8306141</a>
CIELab	<a href="#">73.58, -11.88, -22.34</a>
CIElCh	<a href="#">74, 25.300, 241.991</a>
Yxy	<a href="#">46.0513, 0.2474, 0.2859</a>
Android (android.graphics.Color)	<a href="#">4286496221</a> ( <a href="#">0xFF7EBDDD</a> )
YUV	<a href="#">173.8110, 23.2642, -41.9302</a>
Hunter-Lab	<a href="#">67.8611, -13.9288, -18.1948</a>

# Details

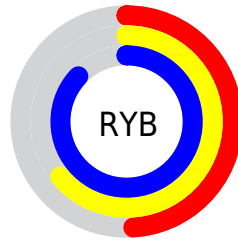
The Android color `4286496221` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4292714110`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4290180607`, and `4282812582` is the 20% darker color. If you saturate the color by 10%, you get `4285052637`, and if you desaturate by 10%, it is `4287939805`.

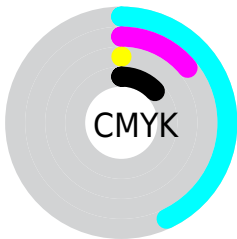
# Distribution



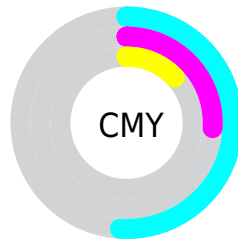
- Red (49%)
- Green (74%)
- Blue (87%)



- Red (49%)
- Yellow (64%)
- Blue (87%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (51%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286496221 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 4286496221 by changing the saturation by 10% instead.



 4286496221

 4286496221

4294967295

 4284654273

 4290180607

 4282812582

 4292083711

 4280839819

 4293984255

 4278212210

 4278206297

 4278200642

 4278195499

 4278190359

 4278190080

■ 4286496221

■ 4286496221

■ 4285052637

■ 4287939805

■ 4283608797

■ 4289383645

■ 4282165213

■ 4290827229

■ 4280721373

■ 4292271069

■ 4279212253

■ 4293780189

■ 4278227933

■ 4294961885

■ 4294963677

■ 4294965725

■ 4294967261

# Harmonies

## Analogous

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



4285645260



4286496221



4288394979

# Triad

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



4286496221



4293043380



4289444749

# Complementary

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



4286496221



4292714110

# 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.



4291081350



4286496221



4293109405

# Square

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



4286496221



4292126667



4292390029



4287742110

# Rectangle

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



4286496221



4289769952



4292390029



4290034057

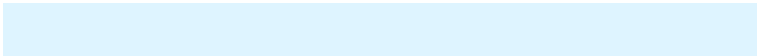


# Sweetspot

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



4286496221



4292801791



4286504350



4285233536



4278190080



4286611584

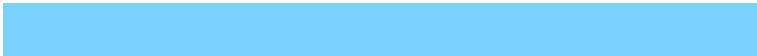


# Same Dimension

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



4286496221



4286239487



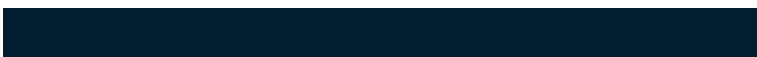
4286484189



4284705390



4278219693



4278197806



# Inverse Universe

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



4292705981



4294933202



4292726142



4285424490



4289527923

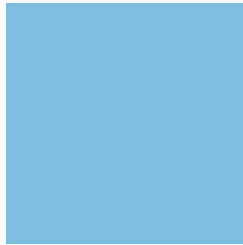


4281204766



# Previews

## White Background



This preview shows how the Android color 4286496221 looks on a white background.

## Color Contrast Check

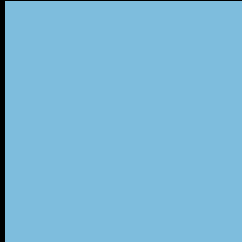
Large Text (above 18pt) WCAG AA × Fail

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 4286496221 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 4286496221 Background



This preview shows how black text looks on a background with the Android color 4286496221.



This preview shows how white text looks on a background with the Android color 4286496221.

# 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



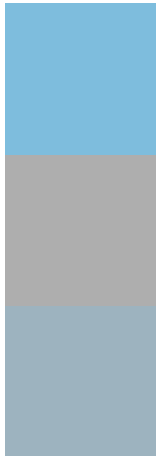
**Original Color**  
4286496221

**Protanomaly**  
4288460505

**Deuteranomaly**  
4288525791

**Tritanomaly**  
4286299860

# Monochromacy



**Original Color**  
4286496221

**Achromatopsia**  
4289638062

**Achromatomaly**  
4288525247

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286496221 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(126, 189, 221)` looks like.

```
.text, #text, p{  
    color:rgb(126, 189, 221)  
}
```

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(126, 189, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 189, 221) }
```

## Border

The CSS property to change the border of an element to Android 4286496221 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(126, 189, 221) }
```

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

```
.border{ border-color:rgb(126, 189, 221) }
```

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

Here you see how a box with a 4 pixel rgb(126, 189, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 189, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 189, 221);  
box-shadow:4px 4px 4px 4px rgb(126, 189,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4286496221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 189, 221) }
```

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

```
.background{ background-color: rgb(126,  
189, 221) }
```

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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