

# Converting Colors

Android(4286491076)

Have a look what the booklet for  
Android(4286491076) contains.

<b>Android(4286491076)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4286491076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA9C4
RGB	126, 169, 196
RGB Percent	49%, 66%, 77%
CMY	0.5059, 0.3373, 0.2314
CMYK	0.36, 0.14, 0.00, 0.23
HSL	203°, 37%, 63%
HSV	203°, 36%, 77%
XYZ	32.7560, 36.7971, 57.6007
YIQ	159.2210, -34.2950, -0.7190

# Conversions

## Conversions Part 2

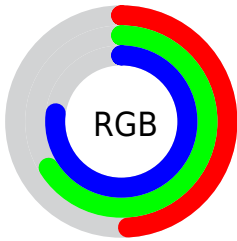
Format	Color
<a href="#">RYB</a>	<a href="#">126, 153, 196</a>
Decimal	<a href="#">8300996</a>
CIELab	<a href="#">67.12, -7.74, -18.43</a>
CIElCh	<a href="#">67, 19.995, 247.219</a>
Yxy	<a href="#">36.7971, 0.2576, 0.2894</a>
Android (android.graphics.Color)	<a href="#">4286491076 (0xFF7EA9C4)</a>
YUV	<a href="#">159.2210, 18.1320, -29.1348</a>
Hunter-Lab	<a href="#">60.6606, -9.7683, -13.8368</a>

# Details

The Android color `4286491076` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291074430`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4290109693`, and `4283069838` is the 20% darker color. If you saturate the color by 10%, you get `4285178308`, and if you desaturate by 10%, it is `4287803844`.

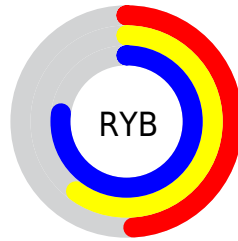
# Distribution



Red (49%)

Green (66%)

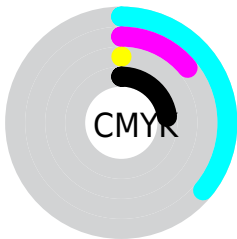
Blue (77%)



Red (49%)

Yellow (60%)

Blue (77%)

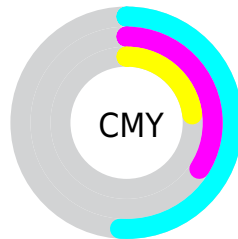


Cyan (36%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (34%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286491076 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 4286491076 by changing the saturation by 10% instead.



 4286491076


 4286491076

4294967295

 4284780457

 4290109693

 4283069838

 4291952127

 4281293941

 4293853183

 4279387484

 4278202180

 4278196782

 4278190361

 4278190080

 4286491076

 4286491076

■ 4285178308

■ 4287803844

■ 4283931332

■ 4289050820

■ 4282618564

■ 4290363588

■ 4281371588

■ 4291610564

■ 4280058820

■ 4292923332

■ 4278746308

■ 4294235844

■ 4278220996

■ 4294958788

■ 4294960580

■ 4294962628

# Harmonies

## Analogous

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



4285705656



4286491076



4287931335

# Triad

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



4286491076



4291336096



4288260486

# Complementary

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



4286491076



4291074430

# 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.



4289569920



4286491076



4291271054

# Square

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



4286491076



4290681010



4290616963



4286885013

# Rectangle

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



4286491076



4288978883



4290616963



4288653187

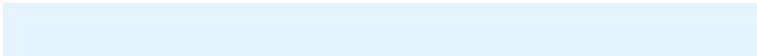


# Sweetspot

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



4286491076



4293129471



4286497945



4285495680



4278190080



4286611584

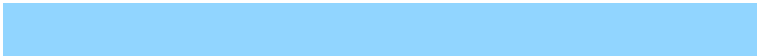


# Same Dimension

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



4286491076



4287747583



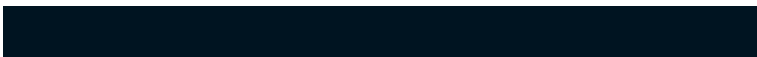
4286482116



4283915617



4278215585



4278195233



# Inverse Universe

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



4291067561



4294939093



4291083390



4284569437



4288741475



4280352788



# Previews

## White Background



This preview shows how the Android color 4286491076 looks on a white background.

## Color Contrast Check

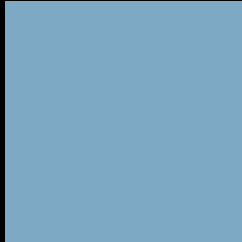
Large Text (above 18pt) WCAG AA × Fail

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 4286491076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

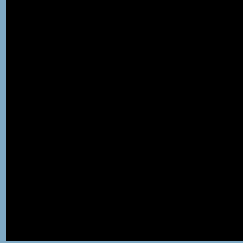
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

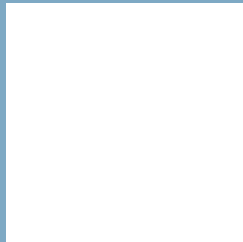
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286491076 Background



This preview shows how black text looks on a background with the Android color 4286491076.



This preview shows how white text looks on a background with the Android color 4286491076.

# 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



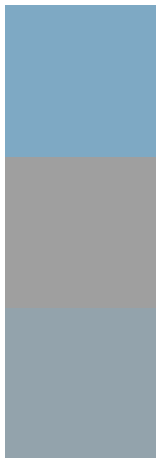
**Original Color**  
4286491076

**Protanomaly**  
4287800513

**Deuteranomaly**  
4287931333

**Tritanomaly**  
4286360253

# Monochromacy



**Original Color**  
4286491076

**Achromatopsia**  
4288651167

**Achromatomaly**  
4287865772

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286491076 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, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 196)  
}
```

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, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 196) }
```

## Border

The CSS property to change the border of an element to Android 4286491076 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, 169, 196) }
```

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

```
.border{ border-color:rgb(126, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4286491076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 196) }
```

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

```
.background{ background-color: rgb(126,  
169, 196) }
```

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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