

# Converting Colors

Android(4286036962)

Have a look what the booklet for  
Android(4286036962) contains.

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# **Color**

**Android(4286036962)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77BBE2
RGB	119, 187, 226
RGB Percent	47%, 73%, 89%
CMY	0.5333, 0.2667, 0.1137
CMYK	0.47, 0.17, 0.00, 0.11
HSL	202°, 65%, 68%
HSV	202°, 47%, 89%
XYZ	39.1055, 44.9536, 78.5673
YIQ	171.1140, -53.0470, -2.2870

# Conversions

## Conversions Part 2

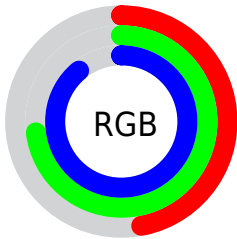
Format	Color
<a href="#">RYB</a>	<a href="#">119, 161, 226</a>
Decimal	<a href="#">7846882</a>
CIELab	<a href="#">72.86, -11.14, -26.18</a>
CIElCh	<a href="#">73, 28.450, 246.943</a>
Yxy	<a href="#">44.9536, 0.2405, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4286036962</a> ( <a href="#">0xFF77BBE2</a> )
YUV	<a href="#">171.1140, 27.0588, -45.7040</a>
Hunter-Lab	<a href="#">67.0474, -13.2225, -22.5438</a>

# Details

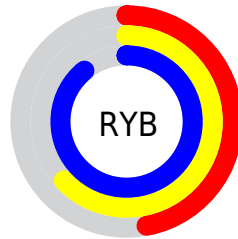
The Android color `4286036962` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4293041783`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4289786879`, and `4282222251` is the 20% darker color. If you saturate the color by 10%, you get `4284527586`, and if you desaturate by 10%, it is `4287546338`.

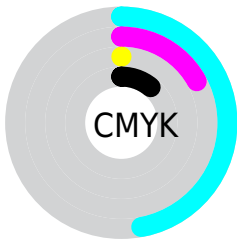
# Distribution



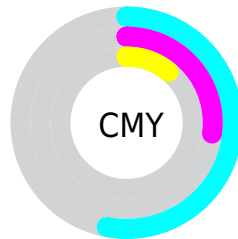
- Red (47%)
- Green (73%)
- Blue (89%)



- Red (47%)
- Yellow (63%)
- Blue (89%)



- Cyan (47%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286036962 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 4286036962 by changing the saturation by 10% instead.





4286036962



4286036962

4294967295



4284129478



4289786879



4282222251



4291690495



4279856528



4293591039



4278211702



4278205789



4278200134



4278195247



4278190362



4278190080

■ 4286036962

■ 4286036962

■ 4284527586

■ 4287546338

■ 4283083746

■ 4288990178

■ 4281574114

■ 4290499810

■ 4280130274

■ 4291943650

■ 4278620898

■ 4293453026

■ 4278227170

■ 4294962402

■ 4294964706

■ 4294966754

■ 4294967266

# Harmonies

## Analogous

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



4284793041



4286036962



4288394214

# Triad

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



4286036962



4293304494



4288920457

# Complementary

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



4286036962



4293041783

# 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.



4290818943



4286036962



4293239701

# Square

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



4286036962



4292453064



4292323972



4286955678

# Rectangle

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



4286036962



4289965537



4292323972



4289575044

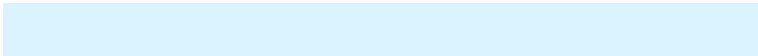


# Sweetspot

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



4286036962



4292604671



4286046876



4285167744



4278190080



4286611584



# Same Dimension

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



4286036962



4285451007



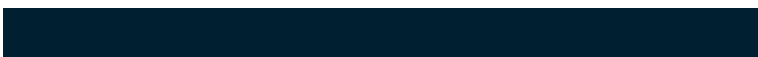
4286023650



4284836976



4278218928



4278198064



# Inverse Universe

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



4293031867



4294930122



4293055095



4285556076



4289724528

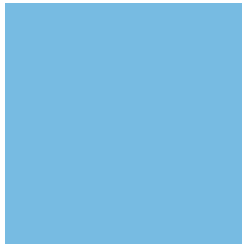


4281335839



# Previews

## White Background



This preview shows how the Android color 4286036962 looks on a white background.

## Color Contrast Check

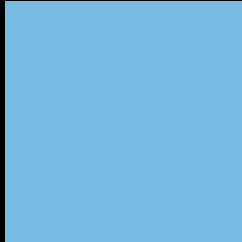
Large Text (above 18pt) WCAG AA × Fail

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 4286036962 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 4286036962 Background



This preview shows how black text looks on a background with the Android color 4286036962.



This preview shows how white text looks on a background with the Android color 4286036962.

# 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



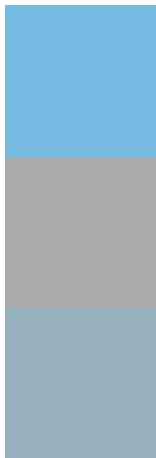
**Original Color**  
4286036962

**Protanomaly**  
4288066781

**Deuteranomaly**  
4288132068

**Tritanomaly**  
4285775317

# Monochromacy



**Original Color**  
4286036962

**Achromatopsia**  
4289440683

**Achromatomaly**  
4288197055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286036962 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(119, 187, 226)` looks like.

```
.text, #text, p{  
    color:rgb(119, 187, 226)  
}
```

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(119, 187, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 187, 226) }
```

## Border

The CSS property to change the border of an element to Android 4286036962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

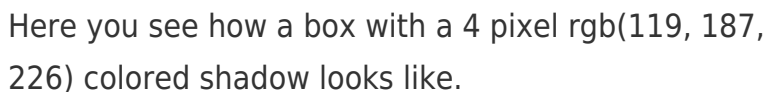
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 187, 226) }
```

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

```
.border{ border-color:rgb(119, 187, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 187, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 187, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 187, 226);  
box-shadow:4px 4px 4px 4px rgb(119, 187,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4286036962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 187, 226) }
```

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

```
.background{ background-color: rgb(119,  
187, 226) }
```

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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