

# Converting Colors

Android(4286101219)

Have a look what the booklet for  
Android(4286101219) contains.

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# **Color**

**Android(4286101219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78B6E3
RGB	120, 182, 227
RGB Percent	47%, 71%, 89%
CMY	0.5294, 0.2863, 0.1098
CMYK	0.47, 0.20, 0.00, 0.11
HSL	205°, 66%, 68%
HSV	205°, 47%, 89%
XYZ	38.3388, 42.9950, 78.9512
YIQ	168.5920, -51.3970, 0.8510

# Conversions

## Conversions Part 2

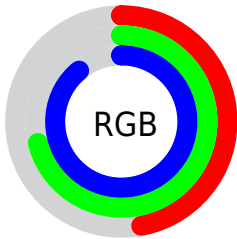
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 159, 227</a>
Decimal	<a href="#">7911139</a>
CIELab	<a href="#">71.55, -7.94, -28.73</a>
CIELCh	<a href="#">72, 29.806, 254.543</a>
Yxy	<a href="#">42.9950, 0.2392, 0.2682</a>
Android (android.graphics.Color)	<a href="#">4286101219 (0xFF78B6E3)</a>
YUV	<a href="#">168.5920, 28.7951, -42.6152</a>
Hunter-Lab	<a href="#">65.5706, -10.3804, -25.4896</a>

# Details

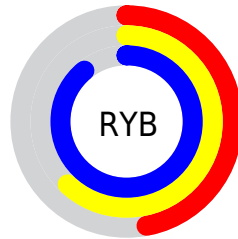
The Android color `4286101219` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293109112`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4289851135`, and `4282286507` is the 20% darker color. If you saturate the color by 10%, you get `4284591331`, and if you desaturate by 10%, it is `4287611107`.

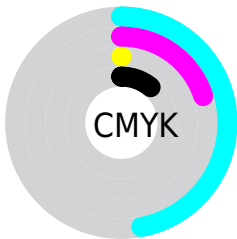
# Distribution



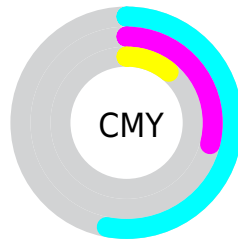
- Red (47%)
- Green (71%)
- Blue (89%)



- Red (47%)
- Yellow (62%)
- Blue (89%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286101219 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 4286101219 by changing the saturation by 10% instead.



 4286101219

 4286101219

4294967295

 4284259271

 4289851135

 4282286507

 4291756031

 4279986321

 4293656575

 4278210679

 4278204766

 4278199366

 4278193712

 4278190362

 4278190080

■ 4286101219

■ 4286101219

■ 4284591331

■ 4287611107

■ 4283147235

■ 4289055203

■ 4281637347

■ 4290565091

■ 4280127715

■ 4292074723

■ 4278617827

■ 4293519075

■ 4278224099

■ 4294963171

■ 4294965731

■ 4294967267

# Harmonies

## Analogous

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



4284267732



4286101219



4288720356

# Triad

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



4286101219



4293303203



4288067976

# Complementary

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



4286101219



4293109112

# 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.



4290097786



4286101219



4292976778

# Square

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



4286101219



4292648382



4291799419



4286037408

# Rectangle

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



4286101219



4290357212



4291799419



4288788354

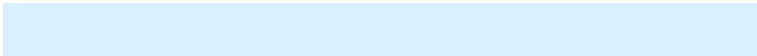


# Sweetspot

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



4286101219



4292604159



4286112677



4285167232



4278190080



4286611584

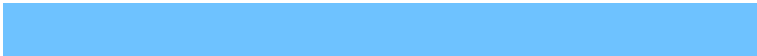


# Same Dimension

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



4286101219



4285448959



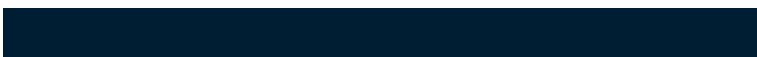
4286087651



4284968563



4278216627



4278197811



# Inverse Universe

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



4293097654



4294930114



4293122680



4285753198



4289921127



4281532446



# Previews

## White Background



This preview shows how the Android color 4286101219 looks on a white background.

## Color Contrast Check

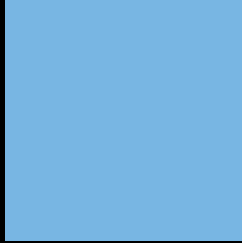
Large Text (above 18pt) WCAG AA × Fail

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 4286101219 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 4286101219 Background



This preview shows how black text looks on a background with the Android color 4286101219.



This preview shows how white text looks on a background with the Android color 4286101219.

# 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**  
4286101219

**Protanomaly**  
4287869151

**Deuteranomaly**  
4287869156

**Tritanomaly**  
4285774291

# Monochromacy



**Original Color**  
4286101219

**Achromatopsia**  
4289309097

**Achromatomaly**  
4288130750

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286101219 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(120, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(120, 182, 227)  
}
```

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(120, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 182, 227) }
```

## Border

The CSS property to change the border of an element to Android 4286101219 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(120, 182, 227) }
```

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

```
.border{ border-color:rgb(120, 182, 227) }
```

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

Here you see how a box with a 4 pixel rgb(120, 182, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(120, 182,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4286101219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 182, 227) }
```

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

```
.background{ background-color: rgb(120,  
182, 227) }
```

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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