

# Converting Colors

Android(4285978334)

Have a look what the booklet for  
Android(4285978334) contains.

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# **Color**

**Android(4285978334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D6DE
RGB	118, 214, 222
RGB Percent	46%, 84%, 87%
CMY	0.5373, 0.1608, 0.1294
CMYK	0.47, 0.04, 0.00, 0.13
HSL	185°, 61%, 67%
HSV	185°, 47%, 87%
XYZ	44.7026, 57.2186, 77.7955
YIQ	186.2080, -59.7840, -17.8640

# Conversions

## Conversions Part 2

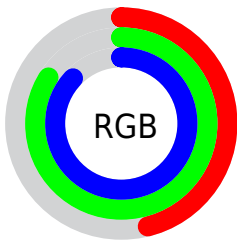
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 168, 222
Decimal	7788254
CIELab	80.30, -26.26, -12.76
CIELCh	80, 29.195, 205.914
Yxy	57.2186, 0.2487, 0.3184
Android (android.graphics.Color)	4285978334 (0xFF76D6DE)
YUV	186.2080, 17.6455, -59.8184
Hunter-Lab	75.6430, -26.8874, -8.0271

# Details

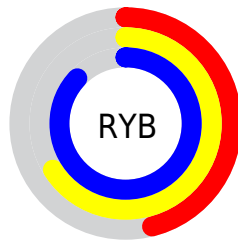
The Android color `4285978334` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292771446`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4289789951`, and `4281966503` is the 20% darker color. If you saturate the color by 10%, you get `4284536030`, and if you desaturate by 10%, it is `4287420638`.

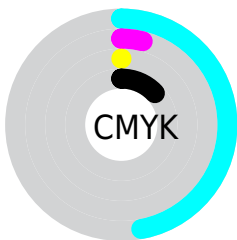
# Distribution



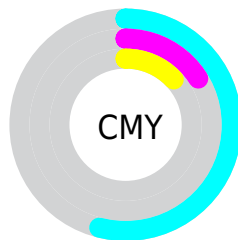
- Red (46%)
- Green (84%)
- Blue (87%)



- Red (46%)
- Yellow (66%)
- Blue (87%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285978334 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 4285978334 by changing the saturation by 10% instead.



 4285978334


 4285978334

4294967295

 4284070594

 4289789951

 4281966503

 4291690495

 4279141773

 4293656575

 4278217587

 4278211163

 4278205251

 4278199597

 4278190873

 4278190080

■ 4285978334

■ 4285978334

■ 4284536030

■ 4287420638

■ 4283093982

■ 4288862686

■ 4281586142

■ 4290370526

■ 4280143838

■ 4291812830

■ 4278701534

■ 4293255134

■ 4278242782

■ 4294697182

■ 4294959838

■ 4294960350

■ 4294960606

# Harmonies

## Analogous

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



4287026882



4285978334



4286632691

# Triad

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



4285978334



4293376486



4292854929

# Complementary

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



4285978334



4292771446

# 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.



4294228891



4285978334



4294620364

# Square

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



4285978334



4291216120



4294882737



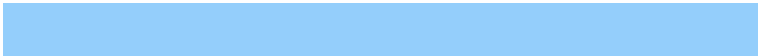
4290956694

# Rectangle

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



4285978334



4287942395



4294882737



4293378451

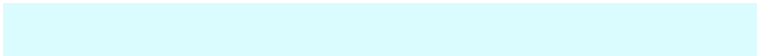


# Sweetspot

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



4285978334



4292607231



4285980285



4285169280



4278190080



4286611584



# Same Dimension

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



4285978334



4285592831



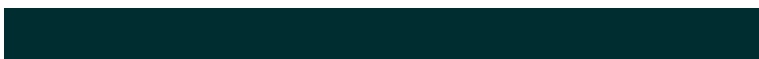
4285965278



4284837744



4278231728



4278201648



# Inverse Universe

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



4292769494



4294930676



4292784502



4285556079



4289724578

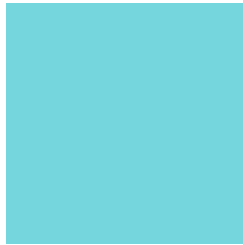


4281335853



# Previews

## White Background



This preview shows how the Android color 4285978334 looks on a white background.

## Color Contrast Check

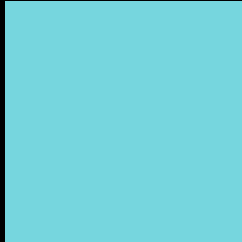
Large Text (above 18pt) WCAG AA × Fail

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 4285978334 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 4285978334 Background



This preview shows how black text looks on a background with the Android color 4285978334.



This preview shows how white text looks on a background with the Android color 4285978334.

# 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





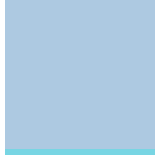
# Trichromacy



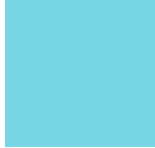
**Original Color**  
4285978334



**Protanomaly**  
4289317847



**Deuteranomaly**  
4289579489

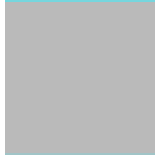


**Tritanomaly**  
4286109155

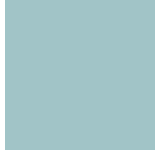
# Monochromacy



**Original Color**  
4285978334



**Achromatopsia**  
4290427578



**Achromatomaly**  
4288791751

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285978334 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(118, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(118, 214, 222)  
}
```

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(118, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 214, 222) }
```

## Border

The CSS property to change the border of an element to Android 4285978334 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(118, 214, 222) }
```

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

```
.border{ border-color:rgb(118, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(118, 214,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4285978334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 214, 222) }
```

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

```
.background{ background-color: rgb(118,  
214, 222) }
```

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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