

# Converting Colors

Android(4285837006)

Have a look what the booklet for  
Android(4285837006) contains.

<b>Android(4285837006)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4285837006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AECE
RGB	116, 174, 206
RGB Percent	45%, 68%, 81%
CMY	0.5451, 0.3176, 0.1922
CMYK	0.44, 0.16, 0.00, 0.19
HSL	201°, 48%, 63%
HSV	201°, 44%, 81%
XYZ	33.4791, 38.4413, 64.0479
YIQ	160.3060, -44.8400, -2.3440

# Conversions

## Conversions Part 2

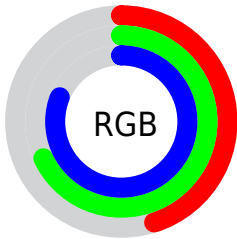
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 151, 206
Decimal	7646926
CIELab	68.34, -10.44, -22.15
CIELCh	68, 24.491, 244.767
Yxy	38.4413, 0.2462, 0.2827
Android (android.graphics.Color)	4285837006 (0xFF74AECE)
YUV	160.3060, 22.5271, -38.8564
Hunter-Lab	62.0011, -12.1162, -17.8466

# Details

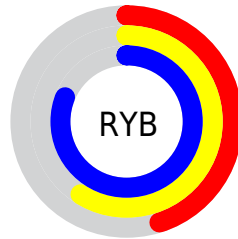
The Android color `4285837006` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291728500`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4289521151`, and `4282219160` is the 20% darker color. If you saturate the color by 10%, you get `4284458958`, and if you desaturate by 10%, it is `4287215054`.

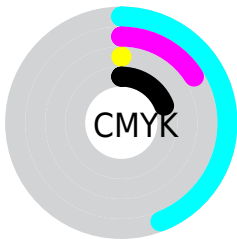
# Distribution



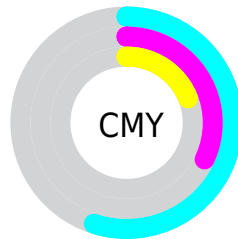
- Red (45%)
- Green (68%)
- Blue (81%)



- Red (45%)
- Yellow (59%)
- Blue (81%)



- Cyan (44%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)

















- Cyan (55%)
- Magenta (32%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285837006 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 4285837006 by changing the saturation by 10% instead.



 4285837006	 4285837006
4294967295	 4284060594
 4289521151	 4282219160
 4291362815	 4280181118
 4293263359	 4278208869
	 4278203213
	 4278197814
	 4278190625
	 4278190085
	 4278190080

■ 4285837006

■ 4285837006

■ 4284458958

■ 4287215054

■ 4283146190

■ 4288527822

■ 4281768142

■ 4289905870

■ 4280455630

■ 4291218382

■ 4279077326

■ 4292596686

■ 4278224334

■ 4293974734

■ 4294959566

■ 4294961614

■ 4294963406

# Harmonies

## Analogous

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



4284920511



4285837006



4287670226

# Triad

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



4285837006



4291991460



4288392578

# Complementary

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



4285837006



4291728500

# 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.



4289963643



4285837006



4291991950

# Square

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



4285837006



4291205562



4291272575



4286755219

# Rectangle

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



4285837006



4289045199



4291272575



4288981886

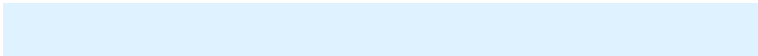


# Sweetspot

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



4285837006



4292801535



4285845140



4285233280



4278190080



4286611584

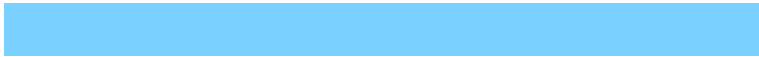


# Same Dimension

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



4285837006



4286238975



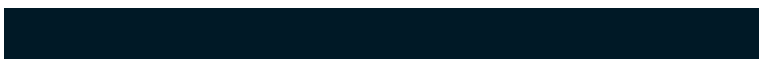
4285825486



4284244582



4278217638



4278196518



# Inverse Universe

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



4291720366



4294933200



4291740020



4284898402



4289069163



4280680473



# Previews

## White Background



This preview shows how the Android color 4285837006 looks on a white background.

## Color Contrast Check

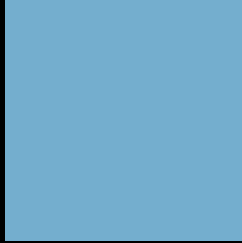
Large Text (above 18pt) WCAG AA × Fail

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 4285837006 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 4285837006 Background



This preview shows how black text looks on a background with the Android color 4285837006.



This preview shows how white text looks on a background with the Android color 4285837006.

# 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



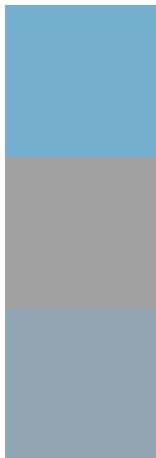
**Original Color**  
4285837006

**Protanomaly**  
4287604938

**Deuteranomaly**  
4287670223

**Tritanomaly**  
4285640900

# Monochromacy



**Original Color**  
4285837006

**Achromatopsia**  
4288716960

**Achromatomaly**  
4287669681

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285837006 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(116, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(116, 174, 206)  
}
```

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(116, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 174, 206) }
```

## Border

The CSS property to change the border of an element to Android 4285837006 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(116, 174, 206) }
```

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

```
.border{ border-color:rgb(116, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 174, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 174, 206); box-shadow:4px 4px 4px 4px rgb(116, 174, 206) }
```

# Background

The CSS property to change the background color of an element to Android 4285837006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 174, 206) }
```

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

```
.background{ background-color: rgb(116,  
174, 206) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor