

# Converting Colors

Android(4285714773)

Have a look what the booklet for  
Android(4285714773) contains.

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# **Color**

**Android(4285714773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72D155
RGB	114, 209, 85
RGB Percent	45%, 82%, 33%
CMY	0.5529, 0.1804, 0.6667
CMYK	0.45, 0.00, 0.59, 0.18
HSL	106°, 57%, 58%
HSV	106°, 59%, 82%
XYZ	31.3796, 49.8342, 16.5594
YIQ	166.4590, -16.8160, -58.7040

# Conversions

## Conversions Part 2

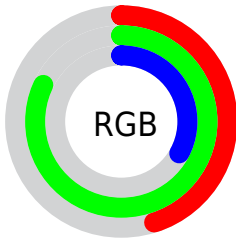
Format	Color
<a href="#">RYB</a>	<a href="#">85, 209, 180</a>
Decimal	<a href="#">7524693</a>
CIELab	<a href="#">75.97, -50.84, 51.81</a>
CIELCh	<a href="#">76, 72.586, 134.458</a>
Yxy	<a href="#">49.8342, 0.3209, 0.5097</a>
Android (android.graphics.Color)	<a href="#">4285714773 (0xFF72D155)</a>
YUV	<a href="#">166.4590, -40.1593, -46.0065</a>
Hunter-Lab	<a href="#">70.5934, -44.1930, 35.5074</a>

# Details

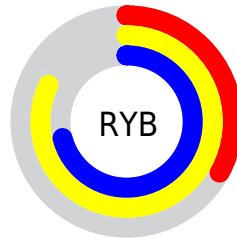
The Android color **4285714773** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **4290008529**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4289527690**, and **4281768478** is the 20% darker color. If you saturate the color by 10%, you get **4284666176**, and if you desaturate by 10%, it is **4286763370**.

# Distribution



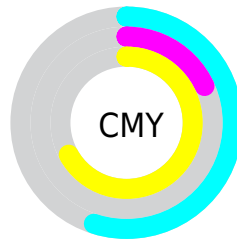
- Red (45%)
- Green (82%)
- Blue (33%)



- Red (33%)
- Yellow (82%)
- Blue (71%)



- Cyan (45%)
- Magenta (0%)
- Yellow (59%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285714773 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 4285714773 by changing the saturation by 10% instead.





4285714773



4285714773

4294967295



4283807034



4289527690



4281768478



4291428262



4279009024



4293328834



4278215936



4294967263



4278209536



4294967292



4278203648



4278197504



4278190080



4285714773



4285714773

 4284666176


 4286763370

 4283617579

 4287811967

 4282568982

 4288860564

 4281520385

 4289909161

 4281454848

 4290957758

 4292006354

 4293054951

 4294103548

 4294955519

# Harmonies

## Analogous

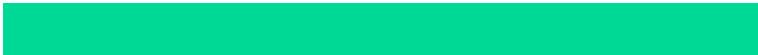
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290757159



4285714773



4278245781

# Triad

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



4285714773



4278242815



4294933662

# Complementary

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



4285714773



4290008529

# 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.



4294935009



4285714773



4285839615

# Square

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



4285714773



4278245631



4293434367



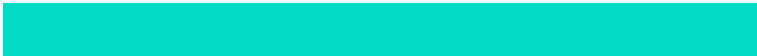
4294938720

# Rectangle

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



4285714773



4278246340



4293434367



4294933172

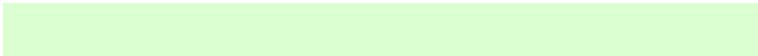


# Sweetspot

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



4285714773



4292673489



4291932757



4285169763



4278190080



4286611584



# Same Dimension

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



4285714773



4285857610



4283814260



4284574046



4280788992



4278855936



# Inverse Universe

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



4290008529



4292168447



4291909042



4284898921



4286644392



4280221737



# Previews

## White Background



This preview shows how the Android color 4285714773 looks on a white background.

## Color Contrast Check

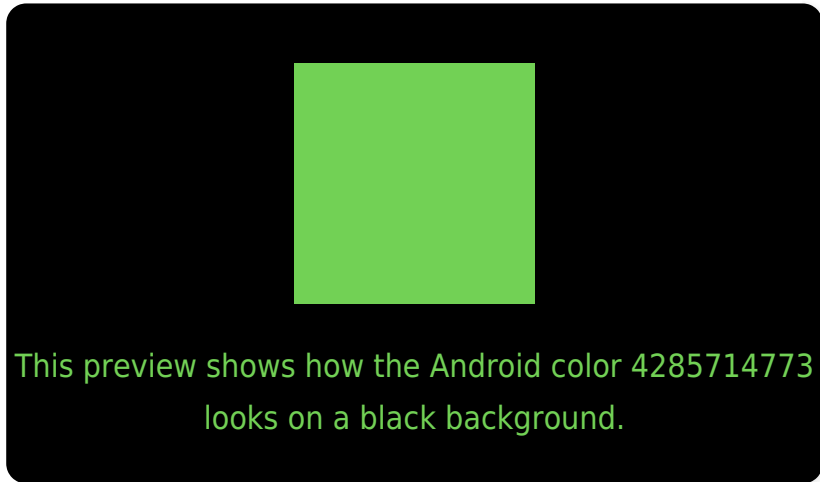
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4285714773 Background



This preview shows how black text looks on a background with the Android color 4285714773.

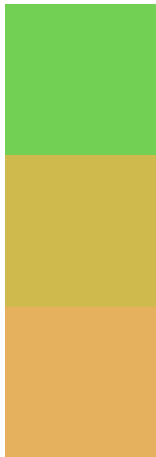


This preview shows how white text looks on a background with the Android color 4285714773.

# 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



**Original Color**  
4285714773

**Protanopia**  
4291803726

**Deuteranopia**  
4293243230



# Trichromacy



**Original Color**  
4285714773



**Protanomaly**  
4289577553



**Deuteranomaly**  
4290493787



**Tritanomaly**  
4286695846

# Monochromacy



**Original Color**  
4285714773



**Achromatopsia**  
4289111718



**Achromatomaly**  
4287870601

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285714773 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(114, 209, 85)` looks like.

```
.text, #text, p{  
    color:rgb(114, 209, 85)  
}
```

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(114, 209, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 209, 85) }
```

## Border

The CSS property to change the border of an element to Android 4285714773 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(114, 209, 85) }
```

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

```
.border{ border-color:rgb(114, 209, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 209, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 209, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 209, 85);  
box-shadow:4px 4px 4px 4px rgb(114, 209,  
85) }
```

# Background

The CSS property to change the background color of an element to Android 4285714773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 209, 85) }
```

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

```
.background{ background-color: rgb(114,  
209, 85) }
```

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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