

# Converting Colors

Android(4285783685)

Have a look what the booklet for  
Android(4285783685) contains.

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# **Color**

**Android(4285783685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73DE85
RGB	115, 222, 133
RGB Percent	45%, 87%, 52%
CMY	0.5490, 0.1294, 0.4784
CMYK	0.48, 0.00, 0.40, 0.13
HSL	130°, 62%, 66%
HSV	130°, 48%, 87%
XYZ	37.4251, 57.5808, 31.3320
YIQ	179.8610, -35.2030, -50.3630

# Conversions

## Conversions Part 2

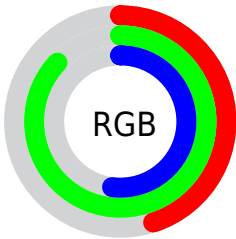
Format	Color
<a href="#">RYB</a>	<a href="#">115, 207, 222</a>
Decimal	<a href="#">7593605</a>
CIELab	<a href="#">80.51, -49.50, 34.35</a>
CIELCh	<a href="#">81, 60.246, 145.241</a>
Yxy	<a href="#">57.5808, 0.2962, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4285783685</a> ( <a href="#">0xFF73DE85</a> )
YUV	<a href="#">179.8610, -23.1025, -56.8831</a>
Hunter-Lab	<a href="#">75.8820, -44.7571, 28.6363</a>

# Details

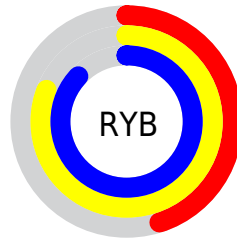
The Android color `4285783685` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4292768716`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4289527739`, and `4281837138` is the 20% darker color. If you saturate the color by 10%, you get `4284341875`, and if you desaturate by 10%, it is `4287225495`.

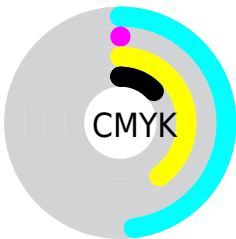
# Distribution



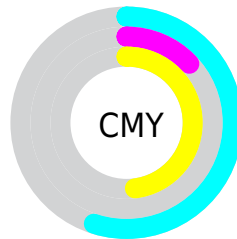
- Red (45%)
- Green (87%)
- Blue (52%)



- Red (45%)
- Yellow (81%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285783685 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 4285783685 by changing the saturation by 10% instead.



 4285783685

 4285783685

4294967295

 4283875947

 4289527739

 4281837138

 4291493847

 4279077690

 4293394420

 4278219042

 4278212359

 4278206208

 4278200576

 4278190848

 4278190080

 4285783685

 4285783685

 4284341875

 4287225495


 4282900064

 4288667306

 4281392718

 4290174652

 4279950907

 4291616463

 4278509097

 4293058273

 4278246949

 4294500084

 4294958847

# Harmonies

## Analogous

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



4290368349



4285783685



4278248381

# Triad

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



4285783685



4281782783



4294941595

# Complementary

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



4285783685



4292768716

# 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.



4294940883



4285783685



4290625023

# Square

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



4285783685



4278247167



4294944511



4294946156

# Rectangle

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



4285783685



4278248676



4294944511



4294940845

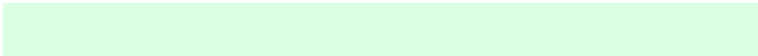


# Sweetspot

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



4285783685



4292607969



4291616371



4285169773



4278190080



4286611584



# Same Dimension

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



4285783685



4285267844



4285783738



4284837991



4278235166



4278202376



# Inverse Universe

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



4292768716



4294929382



4292768663



4285556078



4289724562



4281335848



# Previews

## White Background



This preview shows how the Android color 4285783685 looks on a white background.

## Color Contrast Check

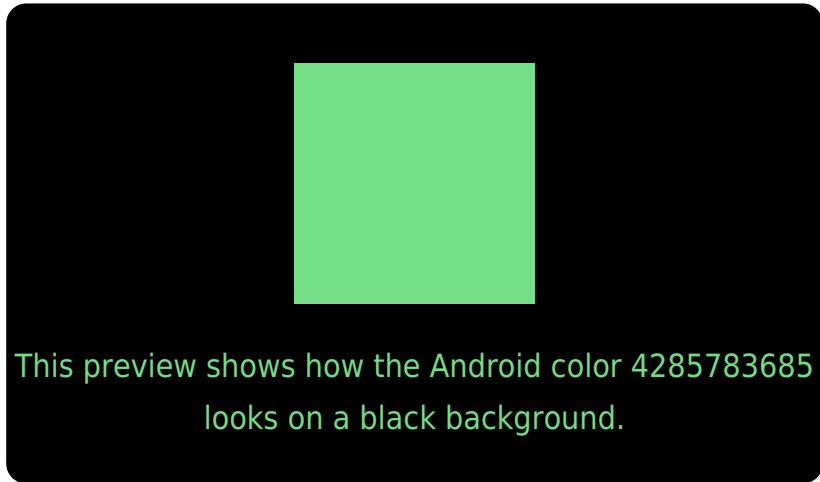
Large Text (above 18pt) WCAG AA × Fail

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

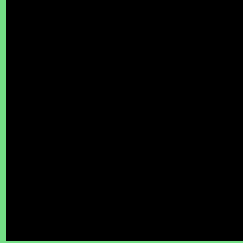
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285783685 Background



This preview shows how black text looks on a background with the Android color 4285783685.



This preview shows how white text looks on a background with the Android color 4285783685.

# 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**

4285783685



**Protanomaly**

4289974143



**Deuteranomaly**

4290824841



**Tritanomaly**

4286699457

# Monochromacy



**Original Color**

4285783685



**Achromatopsia**

4290032820



**Achromatomaly**

4288463779

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285783685 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(115, 222, 133)` looks like.

```
.text, #text, p{  
    color:rgb(115, 222, 133)  
}
```

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(115, 222, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 222, 133) }
```

## Border

The CSS property to change the border of an element to Android 4285783685 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(115, 222, 133) }
```

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

```
.border{ border-color:rgb(115, 222, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 222, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 222, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 222, 133); box-shadow:4px 4px 4px 4px rgb(115, 222, 133) }
```

# Background

The CSS property to change the background color of an element to Android 4285783685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 222, 133) }
```

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

```
.background{ background-color: rgb(115,  
222, 133) }
```

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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