

# Converting Colors

Android(4285051762)

Have a look what the booklet for  
Android(4285051762) contains.

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# **Color**

**Android(4285051762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68B372
RGB	104, 179, 114
RGB Percent	41%, 70%, 45%
CMY	0.5922, 0.2980, 0.5529
CMYK	0.42, 0.00, 0.36, 0.30
HSL	128°, 33%, 55%
HSV	128°, 42%, 70%
XYZ	24.8663, 36.3982, 21.6345
YIQ	149.1650, -23.8350, -36.1150

# Conversions

## Conversions Part 2

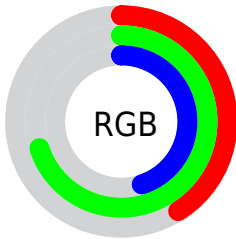
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 170, 179
Decimal	6861682
CIELab	66.82, -37.21, 26.09
CIElCh	67, 45.446, 144.960
Yxy	36.3982, 0.3000, 0.4391
Android (android.graphics.Color)	4285051762 (0xFF68B372)
YUV	149.1650, -17.3363, -39.6097
Hunter-Lab	60.3309, -32.0076, 20.9703

# Details

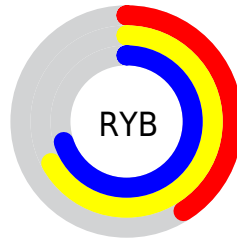
The Android color `4285051762` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4289947817`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288605094`, and `4281499201` is the 20% darker color. If you saturate the color by 10%, you get `4283872098`, and if you desaturate by 10%, it is `4286231426`.

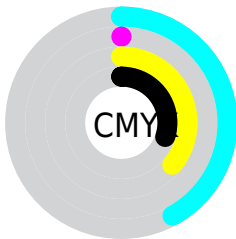
# Distribution



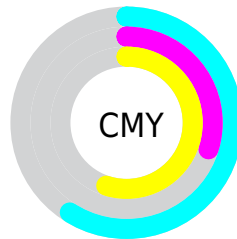
- Red (41%)
- Green (70%)
- Blue (45%)



- Red (41%)
- Yellow (67%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285051762 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 4285051762 by changing the saturation by 10% instead.





4285051762



4285051762

4294967295



4283275353



4288605094



4281499201



4290445250



4279460906



4292345822



4278209555



4294246395



4278203392



4278198272



4278190080



4285051762



4285051762




4283872098



4286231426

 4282692435

 4287411089

 4281512771

 4288590753

 4280333108

 4289770416

 4279218980

 4290950080

 4278235928

 4292064207

 4293243871

 4294423534

 4294947838

# Harmonies

## Analogous

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



4288260950



4285051762



4279351194

# Triad

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



4285051762



4283214324



4293952386

# Complementary

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



4285051762



4289947817

# 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.



4293624235



4285051762



4288388077

# Square

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



4285051762



4278236133



4291791826



4292906849

# Rectangle

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



4285051762



4278237366



4291791826



4293951888



# Sweetspot

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



4285051762



4291487950



4289311592



4284708197



4294309365



4285887861



# Same Dimension

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



4285051762



4285851779



4285051799



4283455826



4278229268



4278196739



# Inverse Universe

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



4289947817



4293424345



4289947780



4284043352



4288217221



4279894038



# Previews

## White Background



This preview shows how the Android color 4285051762 looks on a white background.

## Color Contrast Check

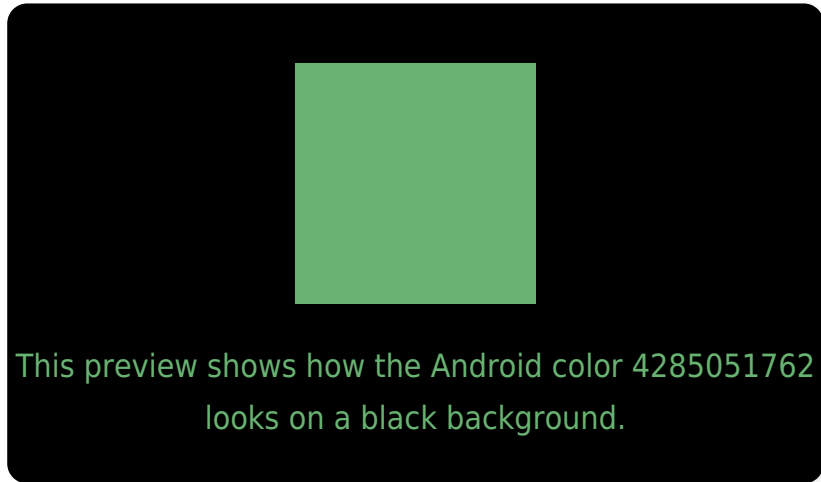
Large Text (above 18pt) WCAG AA × Fail

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 4285051762 Background



This preview shows how black text looks on a background with the Android color 4285051762.



This preview shows how white text looks on a background with the Android color 4285051762.

# 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**  
4285051762

**Protanopia**  
4289765995

**Deuteranopia**  
4290747255



# Trichromacy



**Original Color**  
4285051762



**Protanomaly**  
4288063598



**Deuteranomaly**  
4288652405



**Tritanomaly**  
4285705631

# Monochromacy



**Original Color**  
4285051762



**Achromatopsia**  
4287993237



**Achromatomaly**  
4286947464

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285051762 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(104, 179, 114)` looks like.

```
.text, #text, p{  
    color:rgb(104, 179, 114)  
}
```

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(104, 179, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 179, 114) }
```

## Border

The CSS property to change the border of an element to Android 4285051762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

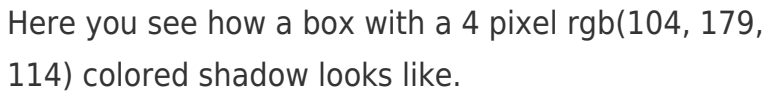
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 179, 114) }
```

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

```
.border{ border-color:rgb(104, 179, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 179, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 179, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 179, 114);  
box-shadow:4px 4px 4px 4px rgb(104, 179,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4285051762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 179, 114) }
```

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

```
.background{ background-color: rgb(104,  
179, 114) }
```

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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