

# Converting Colors

Android(4285708127)

Have a look what the booklet for  
Android(4285708127) contains.

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# **Color**

**Android(4285708127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B75F
RGB	114, 183, 95
RGB Percent	45%, 72%, 37%
CMY	0.5529, 0.2824, 0.6275
CMYK	0.38, 0.00, 0.48, 0.28
HSL	107°, 38%, 55%
HSV	107°, 48%, 72%
XYZ	25.9385, 38.2706, 16.8463
YIQ	152.3370, -12.8760, -41.9960

# Conversions

## Conversions Part 2

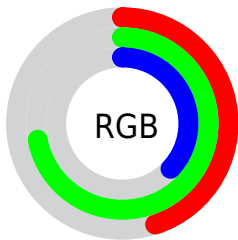
Format	Color
<a href="#">RYB</a>	<a href="#">95, 183, 164</a>
Decimal	<a href="#">7518047</a>
CIELab	<a href="#">68.22, -38.70, 37.84</a>
CIELCh	<a href="#">68, 54.121, 135.643</a>
Yxy	<a href="#">38.2706, 0.3200, 0.4722</a>
Android (android.graphics.Color)	<a href="#">4285708127</a> ( <a href="#">0xFF72B75F</a> )
YUV	<a href="#">152.3370, -28.2671, -33.6215</a>
Hunter-Lab	<a href="#">61.8632, -33.4179, 27.1587</a>

# Details

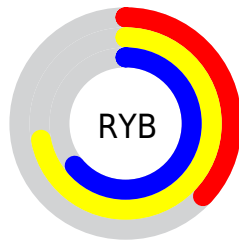
The Android color `4285708127` is a dark color, and the websafe version is hex `99CC66`. A complement of this color would be `4288962487`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4289326995`, and `4282155310` is the 20% darker color. If you saturate the color by 10%, you get `4284790605`, and if you desaturate by 10%, it is `4286625649`.

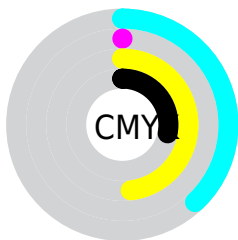
# Distribution



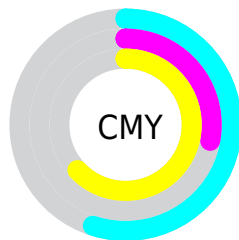
- Red (45%)
- Green (72%)
- Blue (37%)



- Red (37%)
- Yellow (72%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285708127 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 4285708127 by changing the saturation by 10% instead.





4285708127



4285708127

4294967295



4283931718



4289326995



4282155310



4291166126



4280248340



4293066698



4278210304



4294967270



4278204160



4278199040



4278190080



4285708127



4285708127



4284790605



4286625649

 4283807546

 4287608708

 4282890024

 4288526230


 4281972502

 4289443752

 4280989444

 4290426811

 4280858368

 4291344333

 4292261855

 4293244913

 4294162431

# Harmonies

## Analogous

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



4289309763



4285708127



4278238604

# Triad

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



4285708127



4278235903



4294933903

# Complementary

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



4285708127



4288962487

# 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.



4294213568



4285708127



4286620671

# Square

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



4285708127



4278238187



4291465195



4294281570

# Rectangle

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



4285708127



4278239150



4291465195



4294933407

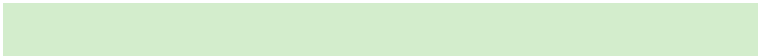


# Sweetspot

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



4285708127



4292079052



4290225247



4285036643



4294440951



4286085240



# Same Dimension

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



4285708127



4286704996



4284462968



4283784275



4280458240



4278590464



# Inverse Universe

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



4288962487



4291781869



4290207646



4284109660



4286185628



4279631900



# Previews

## White Background



This preview shows how the Android color 4285708127 looks on a white background.

## Color Contrast Check

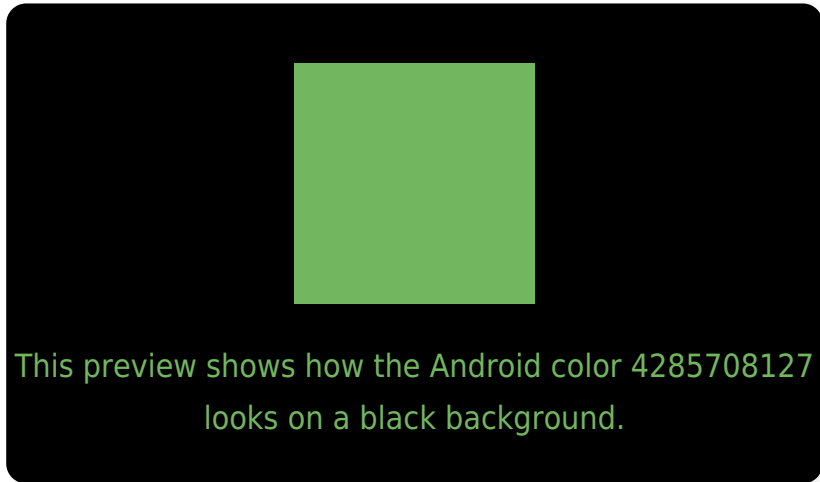
Large Text (above 18pt) WCAG AA × Fail

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 4285708127 Background



This preview shows how black text looks on a background with the Android color 4285708127.



This preview shows how white text looks on a background with the Android color 4285708127.

# 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



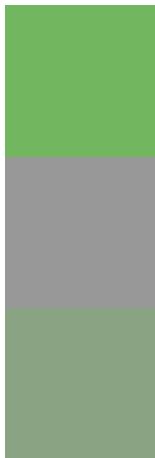
**Original Color**  
4285708127

**Protanomaly**  
4288523355

**Deuteranomaly**  
4289308515

**Tritanomaly**  
4286362010

# Monochromacy



**Original Color**  
4285708127

**Achromatopsia**  
4288190616

**Achromatomaly**  
4287275907

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285708127 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, 183, 95)` looks like.

```
.text, #text, p{  
    color:rgb(114, 183, 95)  
}
```

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, 183, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 183, 95) }
```

## Border

The CSS property to change the border of an element to Android 4285708127 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, 183, 95) }
```

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

```
.border{ border-color:rgb(114, 183, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 183, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 183, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 183, 95);  
box-shadow:4px 4px 4px 4px rgb(114, 183,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4285708127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 183, 95) }
```

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

```
.background{ background-color: rgb(114,  
183, 95) }
```

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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