

# Converting Colors

Android(4284736663)

Have a look what the booklet for  
Android(4284736663) contains.

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# **Color**

**Android(4284736663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E497
RGB	99, 228, 151
RGB Percent	39%, 89%, 59%
CMY	0.6118, 0.1059, 0.4078
CMYK	0.57, 0.00, 0.34, 0.11
HSL	144°, 70%, 64%
HSV	144°, 57%, 89%
XYZ	38.4749, 60.3738, 38.9036
YIQ	180.6510, -52.1670, -51.2950

# Conversions

## Conversions Part 2

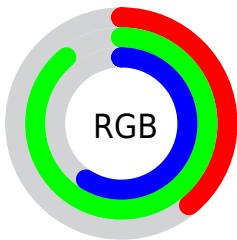
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 191, 228
Decimal	6546583
CIELab	82.04, -52.72, 27.12
CIElCh	82, 59.285, 152.780
Yxy	60.3738, 0.2793, 0.4383
Android (android.graphics.Color)	4284736663 (0xFF63E497)
YUV	180.6510, -14.6179, -71.6079
Hunter-Lab	77.7006, -47.5884, 24.7047

# Details

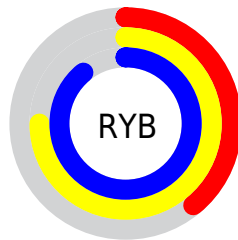
The Android color `4284736663` is a light color, and the websafe version is hex `33CC99`. A complement of this color would be `4293157808`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4288675790`, and `4279938147` is the 20% darker color. If you saturate the color by 10%, you get `4283229321`, and if you desaturate by 10%, it is `4286244005`.

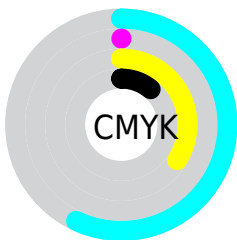
# Distribution



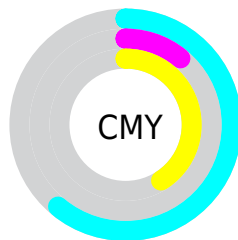
- Red (39%)
- Green (89%)
- Blue (59%)



- Red (39%)
- Yellow (75%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)


















- Cyan (61%)
- Magenta (11%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284736663 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 4284736663 by changing the saturation by 10% instead.




 4284736663	 4284736663
4294967295	 4282632061
 4288675790	 4279938147
 4290576362	 4278227019
 4292542463	 4278220339
 4294508543	 4278213660
	 4278207237
	 4278201600
	 4278193664
	 4278190080

 4284736663

 4284736663

 4283229321

 4286244005

 4281721980

 4287751346

 4280280174

 4289193152

 4278772833

 4290700493

 4278248540

 4292207835

 4293715177

 4294960374

 4294960383

# Harmonies

## Analogous

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



4289649259



4284736663



4278249680

# Triad

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



4284736663



4285583615



4294943891

# Complementary

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



4284736663



4293157808

# 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.



4294941897



4284736663



4292328447

# Square

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



4284736663



4278247423



4294944767



4294948713

# Rectangle

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



4284736663



4278249717



4294944767



4294942884

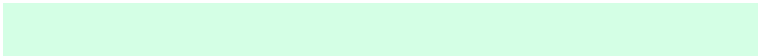


# Sweetspot

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



4284736663



4292149221



4289782883



4284907632



4278190080



4286611584



# Same Dimension

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



4284736663



4283629463



4284736727



4284969836



4278235976



4278203157



# Inverse Universe

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



4293157808



4294922937



4293157744



4285753198



4289921131

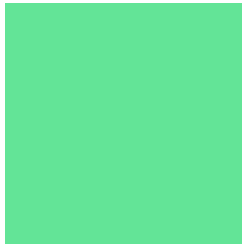


4281532446



# Previews

## White Background



This preview shows how the Android color 4284736663 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 4284736663 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 4284736663 Background



This preview shows how black text looks on a background with the Android color 4284736663.

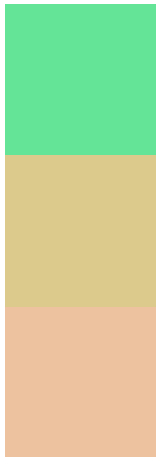


This preview shows how white text looks on a background with the Android color 4284736663.

# 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**  
4284736663

**Protanopia**  
4292594316

**Deuteranopia**  
4293771935



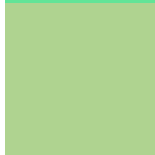
**Tritanopia**  
4286307051

# Trichromacy



**Original Color**

4284736663



**Protanomaly**

4289713040



**Deuteranomaly**

4290498204



**Tritanomaly**

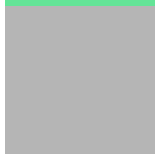
4285718220

# Monochromacy



**Original Color**

4284736663



**Achromatopsia**

4290098613



**Achromatomaly**

4288136874

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284736663 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(99, 228, 151)` looks like.

```
.text, #text, p{  
    color:rgb(99, 228, 151)  
}
```

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(99, 228, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 228, 151) }
```

## Border

The CSS property to change the border of an element to Android 4284736663 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(99, 228, 151) }
```

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

```
.border{ border-color:rgb(99, 228, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 228, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 228, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 228, 151);  
box-shadow:4px 4px 4px 4px rgb(99, 228,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4284736663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 228, 151) }
```

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

```
.background{ background-color: rgb(99, 228,  
151) }
```

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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