

# Converting Colors

Android(4284537745)

Have a look what the booklet for  
Android(4284537745) contains.

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# **Color**

**Android(4284537745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60DB91
RGB	96, 219, 145
RGB Percent	38%, 86%, 57%
CMY	0.6235, 0.1412, 0.4314
CMYK	0.56, 0.00, 0.34, 0.14
HSL	144°, 63%, 62%
HSV	144°, 56%, 86%
XYZ	35.2662, 55.1942, 35.5829
YIQ	173.7870, -49.5540, -49.0900

# Conversions

## Conversions Part 2

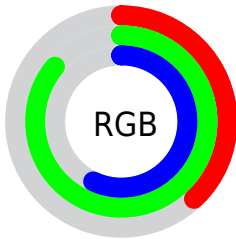
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 184, 219
Decimal	6347665
CIELab	79.15, -50.85, 26.30
CIELCh	79, 57.250, 152.656
Yxy	55.1942, 0.2798, 0.4379
Android (android.graphics.Color)	4284537745 (0xFF60DB91)
YUV	173.7870, -14.1920, -68.2192
Hunter-Lab	74.2928, -45.2797, 23.6077

# Details

The Android color **4284537745** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **4292567210**, and the grayscale version is **4289638062**.

A 20% lighter version of the original color is **4288413639**, and **4279804766** is the 20% darker color. If you saturate the color by 10%, you get **4283095940**, and if you desaturate by 10%, it is **4285979550**.

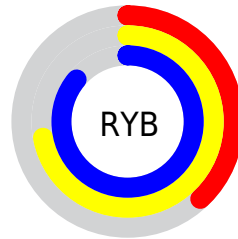
# Distribution



Red (38%)

Green (86%)

Blue (57%)



Red (38%)

Yellow (72%)

Blue (86%)

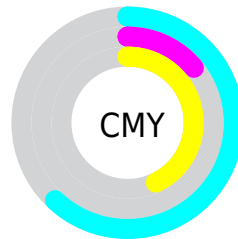


Cyan (56%)

Magenta (0%)

Yellow (34%)

Black (14%)



Cyan (62%)

Magenta (14%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284537745 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 4284537745 by changing the saturation by 10% instead.





4284537745



4284537745

4294967295



4282433399



4288413639



4279804766



4290314211



4278224966



4292280319



4278218286



4294246399



4278211608



4278205440



4278199808



4278190080




4284537745



4284537745

 4283095940

 4285979550

 4281654135

 4287421355


 4280212329

 4288863161

 4278770524

 4290304966

 4278246231

 4291681235

 4293123040

 4294564845

 4294958074

 4294958079

# Harmonies

## Analogous

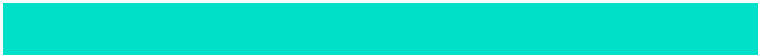
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289253990



4284537745



4278247367

# Triad

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



4284537745



4285319423



4294942093

# Complementary

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



4284537745



4292567210

# 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.



4294940353



4284537745



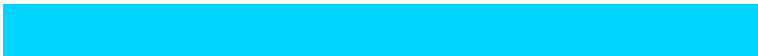
4291736831

# Square

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



4284537745



4278245119



4294942966



4294946661

# Rectangle

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



4284537745



4278247403



4294942966



4294941086

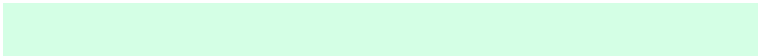


# Sweetspot

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



4284537745



4292149221



4289518432



4284907632



4278190080



4286611584



# Same Dimension

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



4284537745



4283760536



4284537805



4284706407



4278234437



4278201874



# Inverse Universe

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



4292567210



4294923451



4292567150



4285424489



4289527912

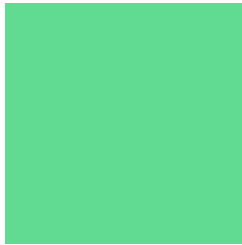


4281204764



# Previews

## White Background



This preview shows how the Android color 4284537745 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 4284537745 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

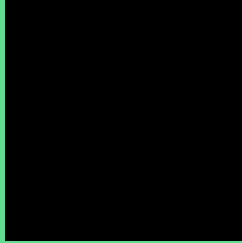
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284537745 Background



This preview shows how black text looks on a background with the Android color 4284537745.

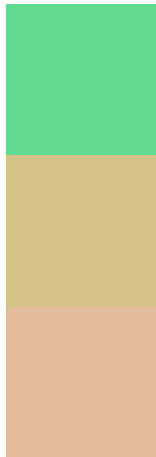


This preview shows how white text looks on a background with the Android color 4284537745.

# 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**  
4284537745

**Protanopia**  
4292002439

**Deuteranopia**  
4293180312



# Trichromacy



**Original Color**

4284537745



**Protanomaly**

4289317771



**Deuteranomaly**

4290037653



**Tritanomaly**

4285519301

# Monochromacy



**Original Color**

4284537745



**Achromatopsia**

4289638062



**Achromatomaly**

4287807139

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284537745 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(96, 219, 145)` looks like.

```
.text, #text, p{  
    color:rgb(96, 219, 145)  
}
```

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(96, 219, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 219, 145) }
```

## Border

The CSS property to change the border of an element to Android 4284537745 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(96, 219, 145) }
```

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

```
.border{ border-color:rgb(96, 219, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 219, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 219, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 219, 145);  
box-shadow:4px 4px 4px 4px rgb(96, 219,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4284537745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 219, 145) }
```

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

```
.background{ background-color: rgb(96, 219,  
145) }
```

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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