

# Converting Colors

Android(4284337804)

Have a look what the booklet for  
Android(4284337804) contains.

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# **Color**

**Android(4284337804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DCE8C
RGB	93, 206, 140
RGB Percent	36%, 81%, 55%
CMY	0.6353, 0.1922, 0.4510
CMYK	0.55, 0.00, 0.32, 0.19
HSL	145°, 54%, 59%
HSV	145°, 55%, 81%
XYZ	31.3191, 48.3632, 32.4953
YIQ	164.6890, -46.1620, -44.4820

# Conversions

## Conversions Part 2

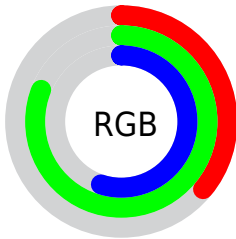
Format	Color
<a href="#">RYB</a>	<a href="#">93, 173, 206</a>
Decimal	<a href="#">6147724</a>
CIELab	<a href="#">75.05, -47.12, 23.33</a>
CIElCh	<a href="#">75, 52.582, 153.655</a>
Yxy	<a href="#">48.3632, 0.2792, 0.4311</a>
Android (android.graphics.Color)	<a href="#">4284337804 (0xFF5DCE8C)</a>
YUV	<a href="#">164.6890, -12.1717, -62.8713</a>
Hunter-Lab	<a href="#">69.5437, -41.3136, 20.9765</a>

# Details

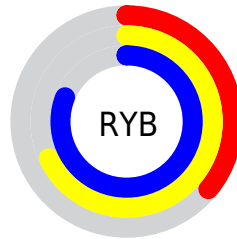
The Android color `4284337804` is a dark color, and the websafe version is hex `66CC99`. The color can be described as middle muted spring green. A complement of this color would be `4291714463`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288151490`, and `4279801689` is the 20% darker color. If you saturate the color by 10%, you get `4282961536`, and if you desaturate by 10%, it is `4285714072`.

# Distribution



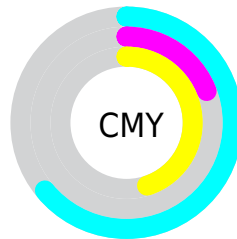
- Red (36%)
- Green (81%)
- Blue (55%)



- Red (36%)
- Yellow (68%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (64%)
- Magenta (19%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284337804 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 4284337804 by changing the saturation by 10% instead.





4284337804



4284337804

4294967295



4282298994



4288151490



4279801689



4290052062



4278221889



4291952635



4278215211



4293918719



4278209045



4278202880



4278196736



4278190080




4284337804



4284337804

 4282961536

 4285714072

 4281650804

 4287024804

 4280274536

 4288401072

 4278963804

 4289711804

 4278242902

 4291088072

 4292464340

 4293775072

 4294954732

 4294954744

# Harmonies

## Analogous

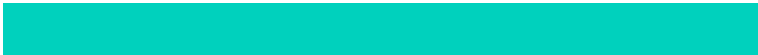
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288595557



4284337804



4278243773

# Triad

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



4284337804



4285578495



4294940550

# Complementary

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



4284337804



4291714463

# 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.



4294938805



4284337804



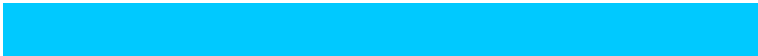
4291078911

# Square

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



4284337804



4278241791



4294613221



4294485858

# Rectangle

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



4284337804



4278243806



4294613221



4294939541

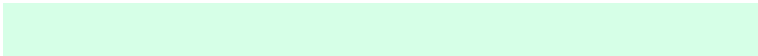


# Sweetspot

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



4284337804



4292280295



4288794205



4284973169



4278190080



4286611584



# Same Dimension

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



4284337804



4283957149



4284337859



4284245600



4278232645



4278199824



# Inverse Universe

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



4291714463



4294924217



4291714408



4284898402



4289069153



4280680470



# Previews

## White Background



This preview shows how the Android color 4284337804 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 4284337804 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 4284337804 Background



This preview shows how black text looks on a background with the Android color 4284337804.

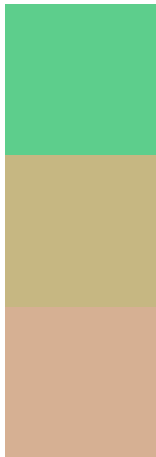


This preview shows how white text looks on a background with the Android color 4284337804.

# 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**  
4284337804

**Protanopia**  
4291213186

**Deuteranopia**  
4292259987



# Trichromacy



**Original Color**

4284337804



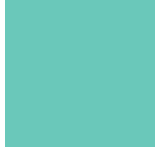
**Protanomaly**

4288724870



**Deuteranomaly**

4289379216



**Tritanomaly**

4285188282

# Monochromacy



**Original Color**

4284337804



**Achromatopsia**

4289045925



**Achromatomaly**

4287345820

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284337804 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(93, 206, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 206, 140)  
}
```

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(93, 206, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 206, 140) }
```

## Border

The CSS property to change the border of an element to Android 4284337804 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(93, 206, 140) }
```

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

```
.border{ border-color:rgb(93, 206, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 206, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 206, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 206, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 206,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4284337804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 206, 140) }
```

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

```
.background{ background-color: rgb(93, 206,  
140) }
```

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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