

# Converting Colors

Android(4284927412)

Have a look what the booklet for  
Android(4284927412) contains.

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**Color**

**Android(4284927412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66CDB4
RGB	102, 205, 180
RGB Percent	40%, 80%, 71%
CMY	0.6000, 0.1961, 0.2941
CMYK	0.50, 0.00, 0.12, 0.20
HSL	165°, 51%, 60%
HSV	165°, 50%, 80%
XYZ	35.5490, 49.7827, 50.9154
YIQ	171.3530, -53.3630, -29.6110

# Conversions

## Conversions Part 2

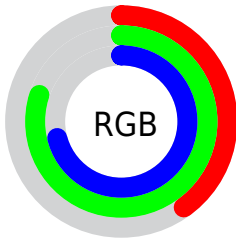
Format	Color
<a href="#">RYB</a>	<a href="#">102, 161, 205</a>
Decimal	<a href="#">6737332</a>
CIELab	<a href="#">75.94, -36.03, 3.27</a>
CIElCh	<a href="#">76, 36.176, 174.808</a>
Yxy	<a href="#">49.7827, 0.2609, 0.3654</a>
Android (android.graphics.Color)	<a href="#">4284927412 (0xFF66CDB4)</a>
YUV	<a href="#">171.3530, 4.2630, -60.8226</a>
Hunter-Lab	<a href="#">70.5569, -33.5399, 6.6048</a>

# Details

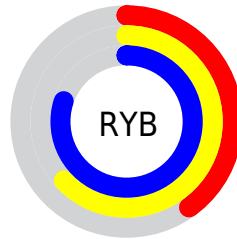
The Android color `4284927412` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4291651199`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288675820`, and `4280850047` is the 20% darker color. If you saturate the color by 10%, you get `4283616687`, and if you desaturate by 10%, it is `4286303673`.

# Distribution



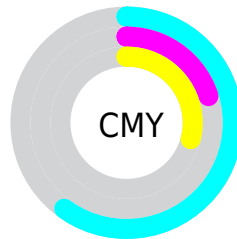
- Red (40%)
- Green (80%)
- Blue (71%)



- Red (40%)
- Yellow (63%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284927412 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 4284927412 by changing the saturation by 10% instead.





4284927412



4284927412

4294967295



4283019673



4288675820



4280850047



4290576383



4278221926



4292476927



4278215246



4294443007



4278209080



4278202914



4278197516



4278190080



4284927412



4284927412

 4283616687

 4286303673

 4282240426

 4287614398


 4280864165

 4288990659

 4279553440

 4290301384

 4278242715

 4291677645

 4292988370

 4294364631

 4294954460

 4294954465

# Harmonies

## Analogous

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



4287613332



4284927412



4282830294

# Triad

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



4284927412



4290229752



4294028422

# Complementary

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



4284927412



4291651199

# 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.



4294812577



4284927412



4292913634

# Square

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



4284927412



4286890237



4294484674



4292327289

# Rectangle

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



4284927412



4283026409



4294484674



4294420622



# Sweetspot

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



4284927412



4292476918



4286631270



4285104250



4278190080



4286611584



# Same Dimension

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



4284927412



4284940250



4284920781



4284245604



4278232702



4278199837



# Inverse Universe

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



4291651199



4294928011



4291657830



4284898398



4289069096



4280680457



# Previews

## White Background



This preview shows how the Android color 4284927412 looks on a white background.

## Color Contrast Check

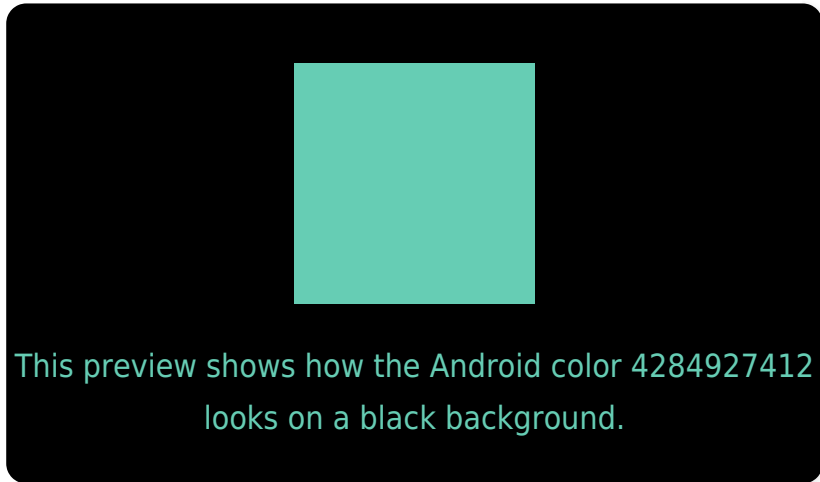
Large Text (above 18pt) WCAG AA × Fail

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 4284927412 Background



This preview shows how black text looks on a background with the Android color 4284927412.



This preview shows how white text looks on a background with the Android color 4284927412.

# Color Blindness Simulation

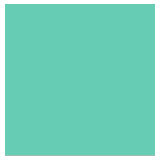
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4284927412



**Protanomaly**

4288725165



**Deuteranomaly**

4289183159



**Tritanomaly**

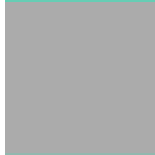
4285385419

# Monochromacy



**Original Color**

4284927412



**Achromatopsia**

4289440683



**Achromatomaly**

4287805358

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284927412 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(102, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(102, 205, 180)  
}
```

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(102, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 205, 180) }
```

## Border

The CSS property to change the border of an element to Android 4284927412 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(102, 205, 180) }
```

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

```
.border{ border-color:rgb(102, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(102, 205,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4284927412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 205, 180) }
```

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

```
.background{ background-color: rgb(102,  
205, 180) }
```

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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