

# Converting Colors

Android(4286764487)

Have a look what the booklet for  
Android(4286764487) contains.

<b>Android(4286764487)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4286764487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D5C7
RGB	130, 213, 199
RGB Percent	51%, 84%, 78%
CMY	0.4902, 0.1647, 0.2196
CMYK	0.39, 0.00, 0.07, 0.16
HSL	170°, 50%, 67%
HSV	170°, 39%, 84%
XYZ	43.3090, 56.4578, 62.6477
YIQ	186.5870, -44.9740, -21.9500

# Conversions

## Conversions Part 2

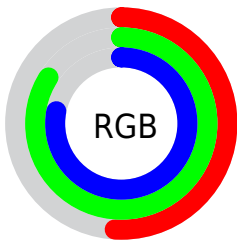
Format	Color
<a href="#">RYB</a>	<a href="#">130, 175, 213</a>
Decimal	<a href="#">8574407</a>
CIELab	<a href="#">79.87, -28.49, -1.05</a>
CIELCh	<a href="#">80, 28.514, 182.103</a>
Yxy	<a href="#">56.4578, 0.2667, 0.3476</a>
Android (android.graphics.Color)	<a href="#">4286764487</a> ( <a href="#">0xFF82D5C7</a> )
YUV	<a href="#">186.5870, 6.1196, -49.6268</a>
Hunter-Lab	<a href="#">75.1384, -28.6068, 3.1631</a>

# Details

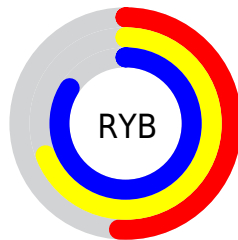
The Android color `4286764487` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292182672`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4290445311`, and `4283145873` is the 20% darker color. If you saturate the color by 10%, you get `4285388227`, and if you desaturate by 10%, it is `4288140747`.

# Distribution



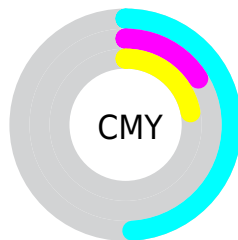
- Red (51%)
- Green (84%)
- Blue (78%)



- Red (51%)
- Yellow (69%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286764487 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 4286764487 by changing the saturation by 10% instead.





4286764487



4286764487

4294967295



4284922284



4290445311



4283145873



4292345855



4281238648



4294246399



4278544991



4278210887



4278204977



4278199324



4278190082



4278190080

 4286764487

 4286764487

 4285388227


 4288140747

 4283946432

 4289582542

 4282570172

 4290958802

 4281193913

 4292335061

 4279752117

 4293711321

 4278375857

 4294956509

 4278244785

 4294956512

 4294956516

 4294956519

# Harmonies

## Analogous

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



4288467884



4286764487



4286043361

# Triad

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



4286764487



4291674099



4293835928

# Complementary

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



4286764487



4292182672

# 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.



4294686123



4286764487



4293572319

# Square

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



4286764487



4289251579



4294620101



4292396433

# Rectangle

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



4286764487



4286501359



4294620101



4294228381

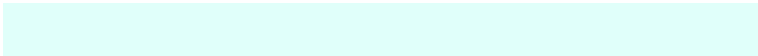


# Sweetspot

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



4286764487



4292935674



4287747458



4285431932



4278190080



4286611584



# Same Dimension

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



4286764487



4287102955



4286757845



4284509033



4278233998



4278201124



# Inverse Universe

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



4292182672



4294936475



4292189314



4285227106



4289396765

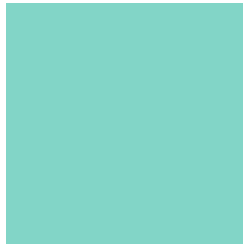


4281008135



# Previews

## White Background



This preview shows how the Android color 4286764487 looks on a white background.

## Color Contrast Check

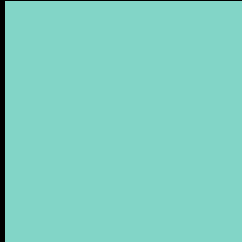
Large Text (above 18pt) WCAG AA × Fail

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 4286764487 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 4286764487 Background



This preview shows how black text looks on a background with the Android color 4286764487.



This preview shows how white text looks on a background with the Android color 4286764487.

# 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





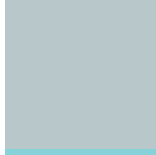
# Trichromacy



**Original Color**  
4286764487



**Protanomaly**  
4289776321



**Deuteranomaly**  
4290234314

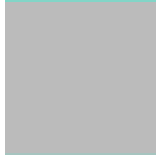


**Tritanomaly**  
4287025880

# Monochromacy



**Original Color**  
4286764487



**Achromatopsia**  
4290493371



**Achromatomaly**  
4289119423

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286764487 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(130, 213, 199)` looks like.

```
.text, #text, p{  
    color:rgb(130, 213, 199)  
}
```

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(130, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 213, 199) }
```

## Border

The CSS property to change the border of an element to Android 4286764487 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(130, 213, 199) }
```

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

```
.border{ border-color:rgb(130, 213, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 213, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(130, 213,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4286764487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 213, 199) }
```

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

```
.background{ background-color: rgb(130,  
213, 199) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor