

# Converting Colors

Android(4286766540)

Have a look what the booklet for  
Android(4286766540) contains.

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# **Color**

**Android(4286766540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DDCC
RGB	130, 221, 204
RGB Percent	51%, 87%, 80%
CMY	0.4902, 0.1333, 0.2000
CMYK	0.41, 0.00, 0.08, 0.13
HSL	169°, 57%, 69%
HSV	169°, 41%, 87%
XYZ	45.9615, 60.8184, 66.4434
YIQ	191.8530, -48.7790, -24.5790

# Conversions

## Conversions Part 2

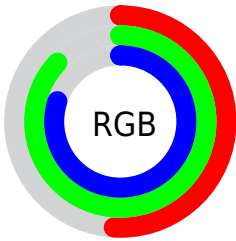
Format	Color
<a href="#">RYB</a>	<a href="#">130, 180, 221</a>
Decimal	<a href="#">8576460</a>
CIELab	<a href="#">82.28, -31.17, -0.19</a>
CIELCh	<a href="#">82, 31.172, 180.349</a>
Yxy	<a href="#">60.8184, 0.2653, 0.3511</a>
Android (android.graphics.Color)	<a href="#">4286766540 (0xFF82DDCC)</a>
YUV	<a href="#">191.8530, 5.9885, -54.2451</a>
Hunter-Lab	<a href="#">77.9861, -31.2760, 4.0758</a>

# Details

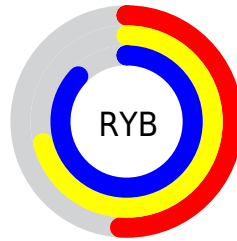
The Android color `4286766540` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292706963`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4290510847`, and `4283082390` is the 20% darker color. If you saturate the color by 10%, you get `4285324744`, and if you desaturate by 10%, it is `4288208336`.

# Distribution



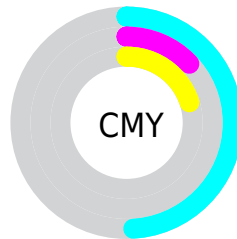
- Red (51%)
- Green (87%)
- Blue (80%)



- Red (51%)
- Yellow (71%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286766540 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 4286766540 by changing the saturation by 10% instead.



 4286766540

 4286766540

4294967295

 4284924337

 4290510847

 4283082390

 4292411391

 4281043836

 4294311935

 4278219107

 4278212683

 4278206517

 4278200864

 4278193928

 4278190080

 4286766540

 4286766540

 4285324744

 4288208336

 4283882948

 4289650132

 4282441152

 4291091928

 4280999355

 4292533725

 4279492023

 4294041057

 4278246836

 4294958565

 4294958569

 4294958573

 4294958577

# Harmonies

## Analogous

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



4288731823



4286766540



4285783273

# Triad

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



4286766540



4292003327



4294623643

# Complementary

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



4286766540



4292706963

# 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.



4294949297



4286766540



4294163690

# Square

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



4286766540



4289253375



4294948813



4292987794

# Rectangle

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



4286766540



4286241273



4294948813



4294950561

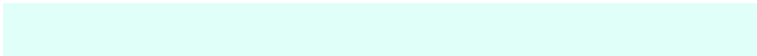


# Sweetspot

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



4286766540



4292935673



4287946114



4285431932



4278190080



4286611584



# Same Dimension

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



4286766540



4286775272



4286759645



4284706412



4278234509



4278201893



# Inverse Universe

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



4292706963



4294935193



4292713858



4285424485



4289527840



4281204745



# Previews

## White Background



This preview shows how the Android color 4286766540 looks on a white background.

## Color Contrast Check

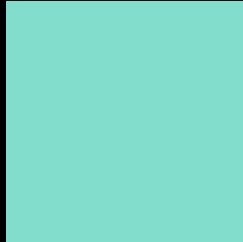
Large Text (above 18pt) WCAG AA × Fail

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 4286766540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

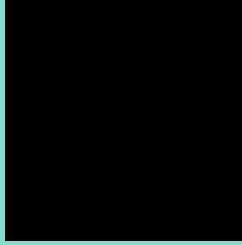
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

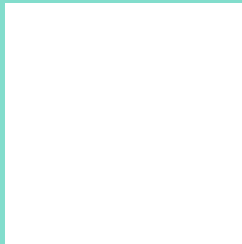
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286766540 Background



This preview shows how black text looks on a background with the Android color 4286766540.



This preview shows how white text looks on a background with the Android color 4286766540.

# 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



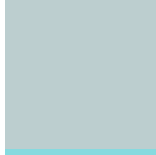
**Original Color**

4286766540



**Protanomaly**

4290106054



**Deuteranomaly**

4290563791



**Tritanomaly**

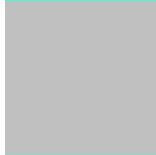
4287093471

# Monochromacy



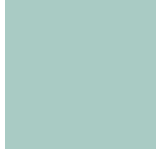
**Original Color**

4286766540



**Achromatopsia**

4290822336



**Achromatomaly**

4289317828

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286766540 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, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(130, 221, 204)  
}
```

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, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 221, 204) }
```

## Border

The CSS property to change the border of an element to Android 4286766540 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, 221, 204) }
```

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

```
.border{ border-color:rgb(130, 221, 204) }
```

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

Here you see how a box with a 4 pixel rgb(130, 221, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(130, 221,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4286766540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 221, 204) }
```

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

```
.background{ background-color: rgb(130,  
221, 204) }
```

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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