

# Converting Colors

Android(4286045661)

Have a look what the booklet for  
Android(4286045661) contains.

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# **Color**

**Android(4286045661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77DDDD
RGB	119, 221, 221
RGB Percent	47%, 87%, 87%
CMY	0.5333, 0.1333, 0.1333
CMYK	0.46, 0.00, 0.00, 0.13
HSL	180°, 60%, 67%
HSV	180°, 46%, 87%
XYZ	46.5153, 60.8553, 77.7012
YIQ	190.5020, -60.7920, -21.6240

# Conversions

## Conversions Part 2

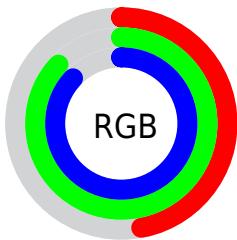
Format	Color
R <sub>Y</sub> B	119, 170, 221
Decimal	7855581
CIE Lab	82.30, -29.69, -9.24
CIE LCh	82, 31.092, 197.290
Yxy	60.8553, 0.2513, 0.3288
Android (android.graphics.Color)	4286045661 (0xFF77DDDD)
YUV	190.5020, 15.0355, -62.7073
Hunter-Lab	78.0098, -30.0820, -4.4486

# Details

The Android color `4286045661` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292704119`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4289855487`, and `4282033830` is the 20% darker color. If you saturate the color by 10%, you get `4284603869`, and if you desaturate by 10%, it is `4287487453`.

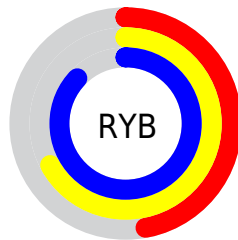
# Distribution



Red (47%)

Green (87%)

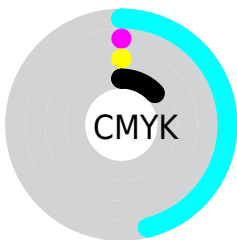
Blue (87%)



Red (47%)

Yellow (67%)

Blue (87%)

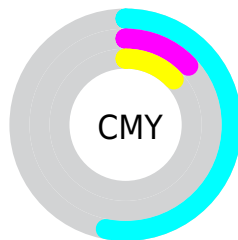


Cyan (46%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (53%)

Magenta (13%)
















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286045661 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 4286045661 by changing the saturation by 10% instead.



 4286045661	 4286045661
 4294967295	 4284072385
 4289855487	 4282033830
 4291821567	 4279143308
 4293722111	 4278219122
	 4278212698
	 4278206530
	 4278200876
	 4278194200
	 4278190080

 4286045661


 4286045661

 4284603869

 4287487453

 4283162077

 4288929245

 4281720285

 4290371037

 4280278493

 4291812829

 4278771165

 4293320157

 4278246877

 4294761949

 4294958557

# Harmonies

## Analogous

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



4287552703



4286045661



4286175991

# Triad

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



4286045661



4293312757



4293773204

# Complementary

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



4286045661



4292704119

# 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.



4294950307



4286045661



4294949338

# Square

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



4286045661



4290824959



4294949053



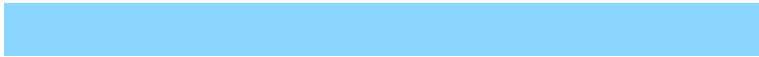
4291874965

# Rectangle

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



4286045661



4287289087



4294949053



4294296472



# Sweetspot

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



4286045661



4292607999



4286045559



4285169792



4278190080



4286611584



# Same Dimension

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



4286045661



4285792255



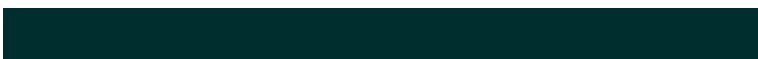
4286032605



4284706414



4278234541



4278201902



# Inverse Universe

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



4292704221



4294931455



4292717175



4285424494



4289527981

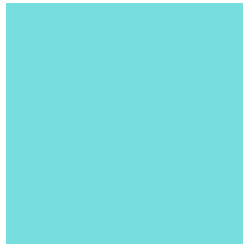


4281204782



# Previews

## White Background



This preview shows how the Android color 4286045661 looks on a white background.

## Color Contrast Check

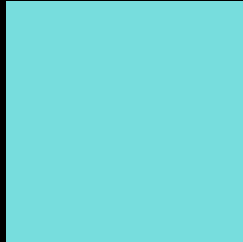
Large Text (above 18pt) WCAG AA × Fail

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 4286045661 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 4286045661 Background



This preview shows how black text looks on a background with the Android color 4286045661.



This preview shows how white text looks on a background with the Android color 4286045661.

# 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



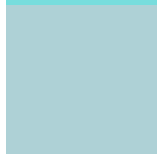


# Trichromacy



**Original Color**

4286045661



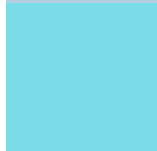
**Protanomaly**

4289647062



**Deuteranomaly**

4289973984



**Tritanomaly**

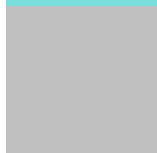
4286242023

# Monochromacy



**Original Color**

4286045661



**Achromatopsia**

4290756543



**Achromatomaly**

4289055434

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286045661 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(119, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(119, 221, 221)  
}
```

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(119, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 221, 221) }
```

## Border

The CSS property to change the border of an element to Android 4286045661 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(119, 221, 221) }
```

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

```
.border{ border-color:rgb(119, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(119, 221,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4286045661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 221, 221) }
```

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

```
.background{ background-color: rgb(119,  
221, 221) }
```

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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