

# Converting Colors

Android(4286701538)

Have a look what the booklet for  
Android(4286701538) contains.

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# **Color**

**Android(4286701538)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81DFE2
RGB	129, 223, 226
RGB Percent	51%, 87%, 89%
CMY	0.4941, 0.1255, 0.1137
CMYK	0.43, 0.01, 0.00, 0.11
HSL	182°, 63%, 70%
HSV	182°, 43%, 89%
XYZ	49.1684, 62.9335, 81.5074
YIQ	195.2360, -56.9870, -18.9950

# Conversions

## Conversions Part 2

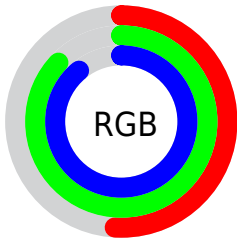
Format	Color
<a href="#">RYB</a>	<a href="#">129, 177, 226</a>
Decimal	<a href="#">8511458</a>
CIELab	<a href="#">83.41, -27.10, -10.21</a>
CIELCh	<a href="#">83, 28.961, 200.633</a>
Yxy	<a href="#">62.9335, 0.2540, 0.3251</a>
Android (android.graphics.Color)	<a href="#">4286701538 (0xFF81DFE2)</a>
YUV	<a href="#">195.2360, 15.1667, -58.0890</a>
Hunter-Lab	<a href="#">79.3306, -28.1959, -5.3855</a>

# Details

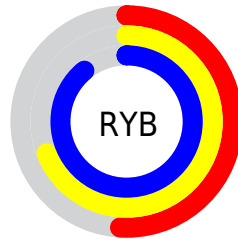
The Android color `4286701538` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293035137`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290510847`, and `4282886315` is the 20% darker color. If you saturate the color by 10%, you get `4285193954`, and if you desaturate by 10%, it is `4288209122`.

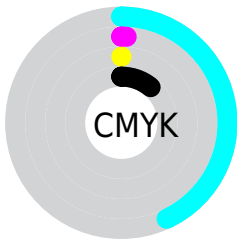
# Distribution



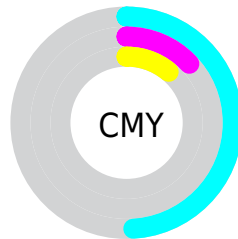
- Red (51%)
- Green (87%)
- Blue (89%)



- Red (51%)
- Yellow (69%)
- Blue (89%)



- Cyan (43%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (13%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286701538 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 4286701538 by changing the saturation by 10% instead.



 4286701538

 4286701538

4294967295

 4284793798

 4290510847

 4282886315

 4292411391

 4280651152

 4294377471

 4278219639

 4278213214

 4278207046

 4278201136

 4278195483

 4278190080

 4286701538

 4286701538

 4285193954

 4288209122

 4283752162

 4289650914

 4282244578

 4291158498

 4280802530

 4292600546

 4279295202

 4294107874

 4278246370

 4294960098

 4294960354

 4294960610

# Harmonies

## Analogous

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



4287946694



4286701538



4287028473

# Triad

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



4286701538



4293641203



4293708698

# Complementary

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



4286701538



4293035137

# 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.



4294951591



4286701538



4294950362

# Square

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



4286701538



4291415295



4294950334



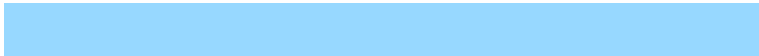
4291875996

# Rectangle

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



4286701538



4288141567



4294950334



4294232221

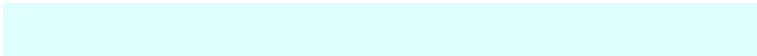


# Sweetspot

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



4286701538



4292804351



4286702211



4285235072



4278190080



4286611584



# Same Dimension

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



4286701538



4286249983



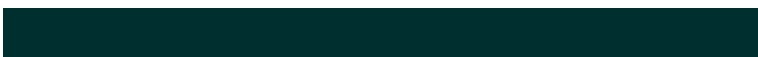
4286689506



4284838000



4278234032



4278202160



# Inverse Universe

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



4293034463



4294933243



4293047169



4285556080



4289724587

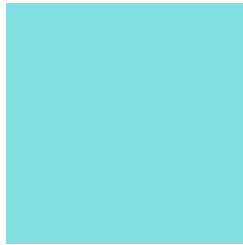


4281335855



# Previews

## White Background



This preview shows how the Android color 4286701538 looks on a white background.

## Color Contrast Check

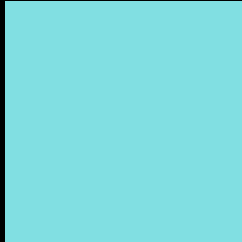
Large Text (above 18pt) WCAG AA × Fail

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 4286701538 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 4286701538 Background



This preview shows how black text looks on a background with the Android color 4286701538.




This preview shows how white text looks on a background with the Android color 4286701538.

# 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



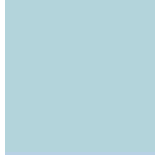


**Tritanopia**  
4286963183

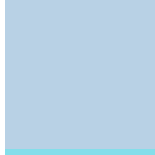
# Trichromacy



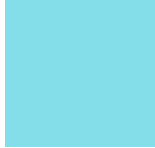
**Original Color**  
4286701538



**Protanomaly**  
4289975515



**Deuteranomaly**  
4290302437

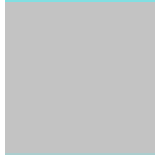


**Tritanomaly**  
4286897898

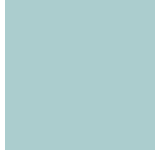
# Monochromacy



**Original Color**  
4286701538



**Achromatopsia**  
4291019715



**Achromatomaly**  
4289449422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286701538 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(129, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(129, 223, 226)  
}
```

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(129, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 223, 226) }
```

## Border

The CSS property to change the border of an element to Android 4286701538 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(129, 223, 226) }
```

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

```
.border{ border-color:rgb(129, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 223, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 223, 226); box-shadow:4px 4px 4px 4px rgb(129, 223, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4286701538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 223, 226) }
```

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

```
.background{ background-color: rgb(129,  
223, 226) }
```

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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