

# Converting Colors

Android(4286306530)

Have a look what the booklet for  
Android(4286306530) contains.

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# **Color**

**Android(4286306530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BD8E2
RGB	123, 216, 226
RGB Percent	48%, 85%, 89%
CMY	0.5176, 0.1529, 0.1137
CMYK	0.46, 0.04, 0.00, 0.11
HSL	186°, 64%, 68%
HSV	186°, 46%, 89%
XYZ	46.4517, 58.8137, 80.8554
YIQ	189.3330, -58.6380, -16.6060

# Conversions

## Conversions Part 2

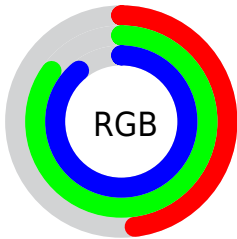
Format	Color
<a href="#">RYB</a>	<a href="#">123, 172, 226</a>
Decimal	<a href="#">8116450</a>
CIELab	<a href="#">81.19, -25.07, -13.54</a>
CIElCh	<a href="#">81, 28.498, 208.376</a>
Yxy	<a href="#">58.8137, 0.2496, 0.3160</a>
Android (android.graphics.Color)	<a href="#">4286306530 (0xFF7BD8E2)</a>
YUV	<a href="#">189.3330, 18.0768, -58.1740</a>
Hunter-Lab	<a href="#">76.6901, -26.0889, -8.8272</a>

# Details

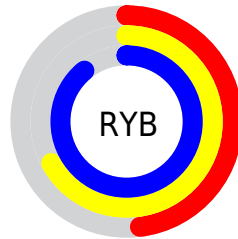
The Android color `4286306530` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293035387`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290117631`, and `4282425771` is the 20% darker color. If you saturate the color by 10%, you get `4284798690`, and if you desaturate by 10%, it is `4287814370`.

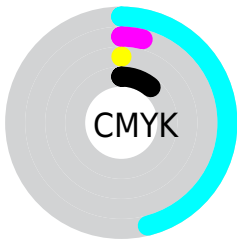
# Distribution



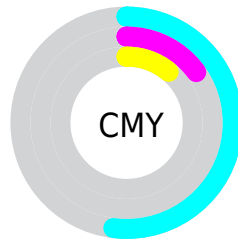
- Red (48%)
- Green (85%)
- Blue (89%)



- Red (48%)
- Yellow (67%)
- Blue (89%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)

















- Cyan (52%)
- Magenta (15%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286306530 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 4286306530 by changing the saturation by 10% instead.



 4286306530	 4286306530
4294967295	 4284398790
 4290117631	 4282425771
 4292018175	 4279928720
 4293984255	 4278218103
	 4278211678
	 4278205766
	 4278200112
	 4278192668
	 4278190080

■ 4286306530

■ 4286306530

■ 4284798690

■ 4287814370

■ 4283356386

■ 4289256674

■ 4281848290

■ 4290764770

■ 4280405986

■ 4292207074

■ 4278898146

■ 4293714914

■ 4278242530

■ 4294960610

■ 4294961122

■ 4294961890

■ 4294962402

# Harmonies

## Analogous

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



4287158727



4286306530



4287091958

# Triad

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



4286306530



4293639142



4292855701

# Complementary

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



4286306530



4293035387

# 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.



4294229917



4286306530



4294817484

# Square

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



4286306530



4291609592



4294949042



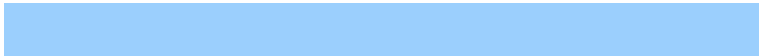
4290957466

# Rectangle

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



4286306530



4288401405



4294949042



4293379222

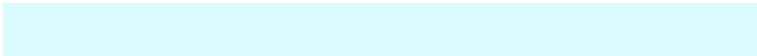


# Sweetspot

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



4286306530



4292607231



4286308996



4285169024



4278190080



4286611584



# Same Dimension

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



4286306530



4285788671



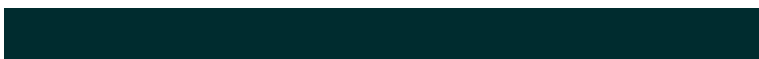
4286293730



4284837744



4278230960



4278201392



# Inverse Universe

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



4293032920



4294931441



4293048187



4285556079



4289724575

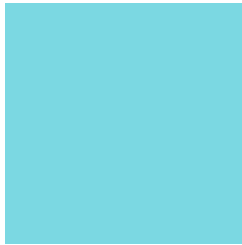


4281335852



# Previews

## White Background



This preview shows how the Android color 4286306530 looks on a white background.

## Color Contrast Check

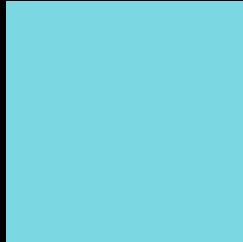
Large Text (above 18pt) WCAG AA × Fail

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 4286306530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

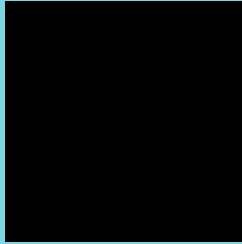
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286306530 Background



This preview shows how black text looks on a background with the Android color 4286306530.



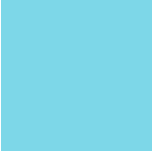
This preview shows how white text looks on a background with the Android color 4286306530.

# 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**  
4286437352

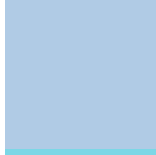
# Trichromacy



**Original Color**  
4286306530



**Protanomaly**  
4289514972



**Deuteranomaly**  
4289776613

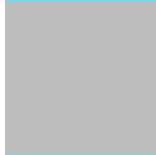


**Tritanomaly**  
4286371814

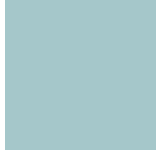
# Monochromacy



**Original Color**  
4286306530



**Achromatopsia**  
4290624957



**Achromatomaly**  
4289054666

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286306530 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(123, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(123, 216, 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(123, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 216, 226) }
```

## Border

The CSS property to change the border of an element to Android 4286306530 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(123, 216, 226) }
```

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

```
.border{ border-color:rgb(123, 216, 226) }
```

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

Here you see how a box with a 4 pixel rgb(123, 216, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(123, 216,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4286306530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 216, 226) }
```

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

```
.background{ background-color: rgb(123,  
216, 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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