

# Converting Colors

Android(4286301915)

Have a look what the booklet for  
Android(4286301915) contains.

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# **Color**

**Android(4286301915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC6DB
RGB	123, 198, 219
RGB Percent	48%, 78%, 86%
CMY	0.5176, 0.2235, 0.1412
CMYK	0.44, 0.10, 0.00, 0.14
HSL	193°, 57%, 67%
HSV	193°, 44%, 86%
XYZ	41.1486, 49.7136, 74.4448
YIQ	177.9690, -51.4410, -9.3690

# Conversions

## Conversions Part 2

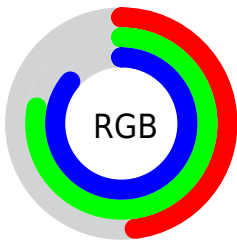
Format	Color
R <sub>Y</sub> B	123, 165, 219
Decimal	8111835
CIE Lab	75.89, -17.84, -17.76
CIE LCh	76, 25.173, 224.859
Yxy	49.7136, 0.2489, 0.3007
Android (android.graphics.Color)	4286301915 (0xFF7BC6DB)
YUV	177.9690, 20.2283, -48.2078
Hunter-Lab	70.5079, -19.2155, -13.2450

# Details

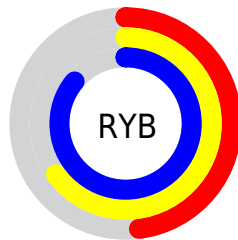
The Android color `4286301915` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292579451`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4290052095`, and `4282552484` is the 20% darker color. If you saturate the color by 10%, you get `4284858843`, and if you desaturate by 10%, it is `4287744987`.

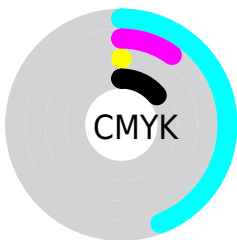
# Distribution



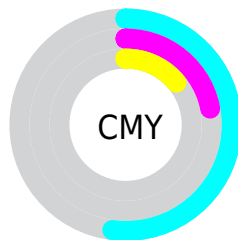
- Red (48%)
- Green (78%)
- Blue (86%)



- Red (48%)
- Yellow (65%)
- Blue (86%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (22%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286301915 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 4286301915 by changing the saturation by 10% instead.





4286301915



4286301915

4294967295



4284459967



4290052095



4282552484



4291952639



4280448650



4293853183



4278214000



4278208088



4278202176



4278197290



4278190358



4278190080

■ 4286301915

■ 4286301915

■ 4284858843

■ 4287744987

■ 4283415771

■ 4289188059

■ 4281972955

■ 4290630875

■ 4280529883

■ 4292073947

■ 4279086811

■ 4293517019

■ 4278234075

■ 4294894555

■ 4294961371

■ 4294962395

■ 4294963675

# Harmonies

## Analogous

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



4286302406



4286301915



4287676903

# Triad

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



4286301915



4293045448



4290821518

# Complementary

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



4286301915



4292579451

# 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.



4292327055



4286301915



4293634992

# Square

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



4286301915



4291670492



4293308059



4289119386

# Rectangle

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



4286301915



4288986345



4293308059



4291410829

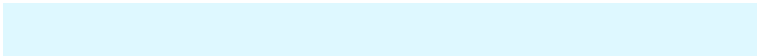


# Sweetspot

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



4286301915



4292802815



4286307216



4285234048



4278190080



4286611584



# Same Dimension

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



4286301915



4286112255



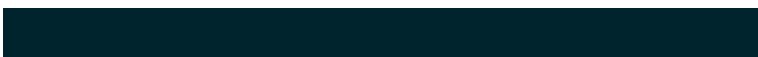
4286289627



4284705646



4278224813



4278199342



# Inverse Universe

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



4292574150



4294932705



4292591739



4285424491



4289527943

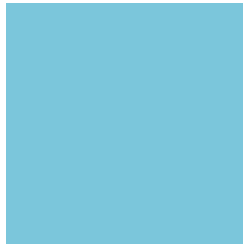


4281204772



# Previews

## White Background



This preview shows how the Android color 4286301915 looks on a white background.

## Color Contrast Check

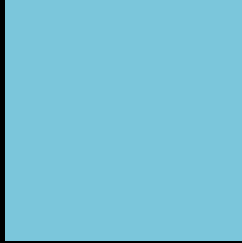
Large Text (above 18pt) WCAG AA × Fail

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 4286301915 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 4286301915 Background



This preview shows how black text looks on a background with the Android color 4286301915.



This preview shows how white text looks on a background with the Android color 4286301915.

# 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](#).

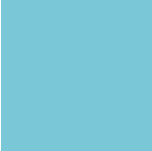
## Dichromacy



**Original Color**  
4286301915

**Protanopia**  
4290165202

**Deuteranopia**  
4290426590



**Tritanopia**  
4286236631

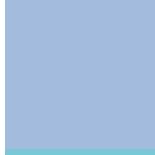
# Trichromacy



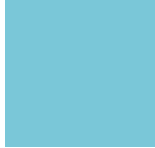
**Original Color**  
4286301915



**Protanomaly**  
4288790229



**Deuteranomaly**  
4288920797

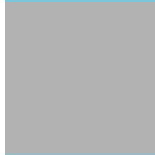


**Tritanomaly**  
4286236632

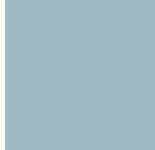
# Monochromacy



**Original Color**  
4286301915



**Achromatopsia**  
4289901234



**Achromatomaly**  
4288592321

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286301915 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, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(123, 198, 219)  
}
```

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, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 198, 219) }
```

## Border

The CSS property to change the border of an element to Android 4286301915 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, 198, 219) }
```

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

```
.border{ border-color:rgb(123, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(123, 198,  
219) }
```

# Background

The CSS property to change the background color of an element to Android 4286301915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 198, 219) }
```

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

```
.background{ background-color: rgb(123,  
198, 219) }
```

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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