

# Converting Colors

Android(4284469719)

Have a look what the booklet for  
Android(4284469719) contains.

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# **Color**

**Android(4284469719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD1D7
RGB	95, 209, 215
RGB Percent	37%, 82%, 84%
CMY	0.6275, 0.1804, 0.1569
CMYK	0.56, 0.03, 0.00, 0.16
HSL	183°, 60%, 61%
HSV	183°, 56%, 84%
XYZ	39.7855, 52.9401, 72.4115
YIQ	175.5980, -69.8700, -22.3020

# Conversions

## Conversions Part 2

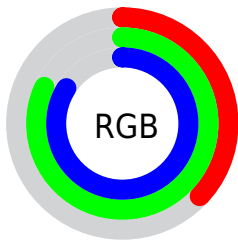
Format	Color
<b>RYB</b>	95, 153, 215
Decimal	6279639
CIELab	77.84, -30.46, -12.78
CIELCh	78, 33.031, 202.765
Yxy	52.9401, 0.2409, 0.3206
Android (android.graphics.Color)	4284469719 (0xFF5FD1D7)
YUV	175.5980, 19.4252, -70.6844
Hunter-Lab	72.7600, -29.7252, -8.0741

# Details

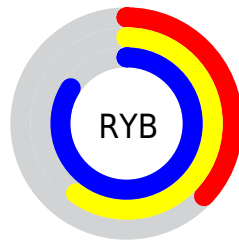
The Android color `4284469719` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292306271`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4288413695`, and `4279147168` is the 20% darker color. If you saturate the color by 10%, you get `4283093207`, and if you desaturate by 10%, it is `4285911767`.

# Distribution



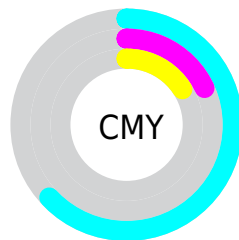
- Red (37%)
- Green (82%)
- Blue (84%)



- Red (37%)
- Yellow (60%)
- Blue (84%)



- Cyan (56%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284469719 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 4284469719 by changing the saturation by 10% instead.





4284469719



4284469719

4294967295



4282299835



4288413695



4279147168



4290379775



4278222982



4292345855



4278216301



4294311935



4278210133



4278203965



4278198824



4278190355




4278190080

 4284469719

 4284469719

 4283093207

 4285911767

 4281651159

 4287288279


 4280209111

 4288730327

 4278832599

 4290106839

 4278242519

 4291548887

 4292925399

 4294367703

 4294957783

 4294958039

# Harmonies

## Analogous

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



4286042552



4284469719



4284993008

# Triad

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



4284469719



4292915686



4292721796

# Complementary

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



4284469719



4292306271

# 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.



4294226577



4284469719



4294486729

# Square

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



4284469719



4290493433



4294880170



4290692743

# Rectangle

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



4284469719



4286564858



4294880170



4293310598



# Sweetspot

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



4284469719



4292148735



4284471141



4284907136



4278190080



4286611584



# Same Dimension

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



4284469719



4283758335



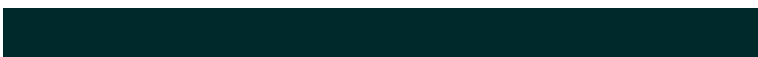
4284454359



4284509035



4278231723



4278200619



# Inverse Universe

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



4292304849



4294923510



4292321631



4285227115



4289396898

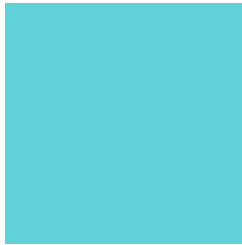


4281008169



# Previews

## White Background



This preview shows how the Android color 4284469719 looks on a white background.

## Color Contrast Check

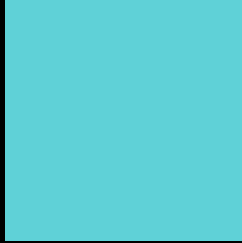
Large Text (above 18pt) WCAG AA × Fail

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 4284469719 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 4284469719 Background



This preview shows how black text looks on a background with the Android color 4284469719.



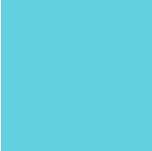
This preview shows how white text looks on a background with the Android color 4284469719.

# 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**  
4284731616

# Trichromacy



**Original Color**  
4284469719



**Protanomaly**  
4288464335



**Deuteranomaly**  
4288660186

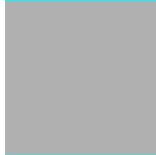


**Tritanomaly**  
4284666077

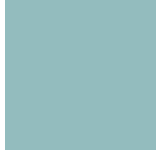
# Monochromacy



**Original Color**  
4284469719



**Achromatopsia**  
4289769648



**Achromatomaly**  
4287872190

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284469719 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(95, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 215)  
}
```

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(95, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 215) }
```

## Border

The CSS property to change the border of an element to Android 4284469719 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(95, 209, 215) }
```

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

```
.border{ border-color:rgb(95, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
215) }
```

# Background

The CSS property to change the background color of an element to Android 4284469719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 215) }
```

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

```
.background{ background-color: rgb(95, 209,  
215) }
```

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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