

# Converting Colors

Android(4281587165)

Have a look what the booklet for  
Android(4281587165) contains.

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# **Color**

**Android(4281587165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33D5DD
RGB	51, 213, 221
RGB Percent	20%, 84%, 87%
CMY	0.8000, 0.1647, 0.1333
CMYK	0.77, 0.04, 0.00, 0.13
HSL	183°, 71%, 53%
HSV	183°, 77%, 87%
XYZ	38.2106, 53.5128, 76.7217
YIQ	165.4740, -99.1200, -31.8560

# Conversions

## Conversions Part 2

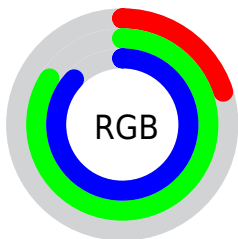
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">51, 134, 221</a>
Decimal	<a href="#">3397085</a>
CIELab	<a href="#">78.18, -36.91, -15.60</a>
CIELCh	<a href="#">78, 40.073, 202.906</a>
Yxy	<a href="#">53.5128, 0.2268, 0.3177</a>
Android (android.graphics.Color)	<a href="#">4281587165 (0xFF33D5DD)</a>
YUV	<a href="#">165.4740, 27.3743, -100.3937</a>
Hunter-Lab	<a href="#">73.1524, -34.7786, -10.9762</a>

# Details

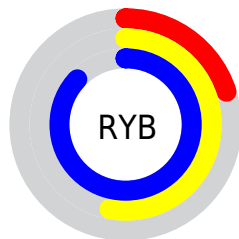
The Android color `4281587165` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292688691`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4286513151`, and `4278230694` is the 20% darker color. If you saturate the color by 10%, you get `4280145117`, and if you desaturate by 10%, it is `4283029213`.

# Distribution



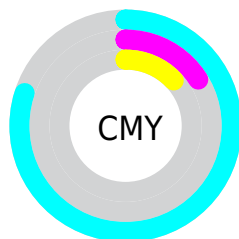
- Red (20%)
- Green (84%)
- Blue (87%)



- Red (20%)
- Yellow (53%)
- Blue (87%)



- Cyan (77%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)




- Cyan (80%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281587165 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 4281587165 by changing the saturation by 10% instead.



 4281587165

 4281587165

4294967295

 4278237633

 4286513151

 4278230694

 4288610303

 4278223756

 4290641919

 4278217074

 4292673535

 4278210906

 4294770687

 4278204738

 4278199340

 4278190360

 4278190080

■ 4281587165

■ 4281587165

■ 4280145117

■ 4283029213

■ 4278703069

■ 4284471261

■ 4278244317

■ 4285913309

■ 4287355357

■ 4288797405

■ 4290304989

■ 4291747037

■ 4293189085

■ 4294631133

# Harmonies

## Analogous

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



4284667319



4281587165



4282372604

# Triad

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



4281587165



4293439215



4293049463

# Complementary

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



4281587165



4292688691

# 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.



4294881159



4281587165



4294944204

# Square

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



4281587165



4290362367



4294944422



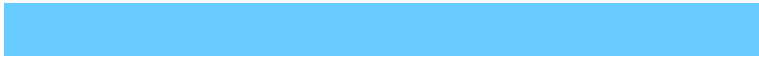
4290627708

# Rectangle

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



4281587165



4285058047



4294944422



4293769339



# Sweetspot

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



4281587165



4291099903



4281589049



4284251776



4278190080



4286611584



# Same Dimension

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



4281587165



4279563519



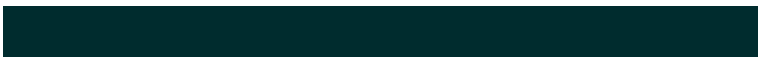
4281565917



4284706158



4278232493



4278201390



# Inverse Universe

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



4292686805



4294907124



4292709939



4285424493



4289527973

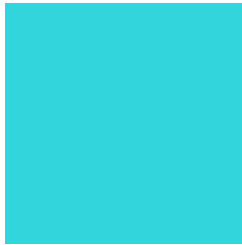


4281204780



# Previews

## White Background



This preview shows how the Android color 4281587165 looks on a white background.

## Color Contrast Check

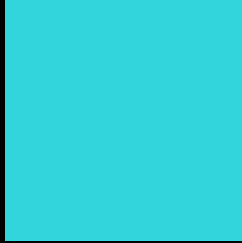
Large Text (above 18pt) WCAG AA × Fail

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 4281587165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

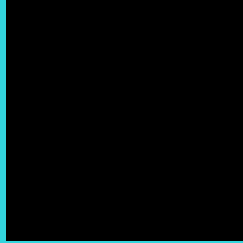
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281587165 Background



This preview shows how black text looks on a background with the Android color 4281587165.




This preview shows how white text looks on a background with the Android color 4281587165.

# 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**  
4281980133

# Trichromacy



**Original Color**  
4281587165



**Protanomaly**  
4287416020



**Deuteranomaly**  
4287481057

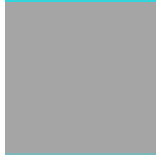


**Tritanomaly**  
4281849058

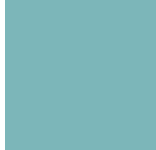
# Monochromacy



**Original Color**  
4281587165



**Achromatopsia**  
4289045925



**Achromatomaly**  
4286363321

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281587165 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(51, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(51, 213, 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(51, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 213, 221) }
```

## Border

The CSS property to change the border of an element to Android 4281587165 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(51, 213, 221) }
```

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

```
.border{ border-color:rgb(51, 213, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 213, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(51, 213,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4281587165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 213, 221) }
```

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

```
.background{ background-color: rgb(51, 213,  
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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