

# Converting Colors

Android(4282570454)

Have a look what the booklet for  
Android(4282570454) contains.

<b>Android(4282570454)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4282570454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42D6D6
RGB	66, 214, 214
RGB Percent	26%, 84%, 84%
CMY	0.7412, 0.1608, 0.1608
CMYK	0.69, 0.00, 0.00, 0.16
HSL	180°, 64%, 55%
HSV	180°, 69%, 84%
XYZ	38.4309, 54.1064, 72.0364
YIQ	169.7480, -88.2080, -31.3760

# Conversions

## Conversions Part 2

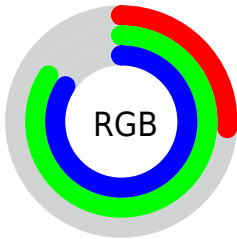
Format	Color
<b>RYB</b>	66, 140, 214
Decimal	4380374
CIELab	78.52, -37.70, -11.30
CIELCh	79, 39.357, 196.685
Yxy	54.1064, 0.2335, 0.3288
Android (android.graphics.Color)	4282570454 (0xFF42D6D6)
YUV	169.7480, 21.8162, -90.9870
Hunter-Lab	73.5571, -35.4650, -6.5743

# Details

The Android color `4282570454` 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 `4292231746`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4287037439`, and `4278230943` is the 20% darker color. If you saturate the color by 10%, you get `4281194198`, and if you desaturate by 10%, it is `4283946710`.

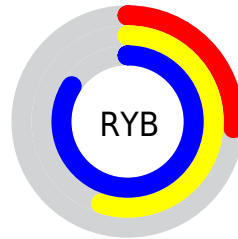
# Distribution



Red (26%)

Green (84%)

Blue (84%)



Red (26%)

Yellow (55%)

Blue (84%)

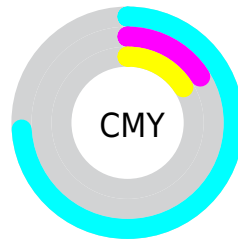


Cyan (69%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (74%)

Magenta (16%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282570454 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 4282570454 by changing the saturation by 10% instead.



 4282570454

 4282570454

4294967295


 4278500026

 4287037439

 4278230943

 4289069055

 4278224005

 4291100671

 4278217324

 4293132287

 4278210900

 4278204733


 4278199591

 4278190355

 4278190080

 4282570454

 4282570454

 4281194198

 4283946710

 4279752406

 4285388502

 4278376150

 4286764758

 4278245078

 4288206550

 4289582806

 4290959062

 4292400854

 4293777110

 4294956758

# Harmonies

## Analogous

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



4285519280



4282570454



4282307574

# Triad

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



4282570454



4292915957



4293507707

# Complementary

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



4282570454



4292231746

# 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.



4294946447



4282570454



4294944980

# Square

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



4282570454



4289708031



4294944687



4291217275

# Rectangle

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



4282570454



4284468991



4294944687



4294162048



# Sweetspot

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



4282570454



4291428351



4282570306



4284514432



4278190080



4286611584



# Same Dimension

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



4282570454



4281073663



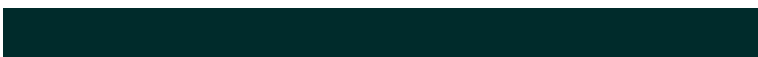
4282551510



4284509035



4278234027



4278201131



# Inverse Universe

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



4292231894



4294913023



4292250690



4285227115



4289396907

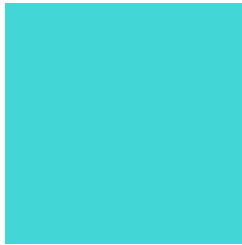


4281008171



# Previews

## White Background



This preview shows how the Android color 4282570454 looks on a white background.

## Color Contrast Check

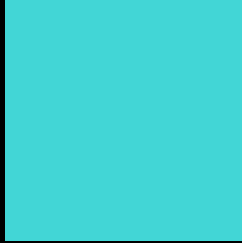
Large Text (above 18pt) WCAG AA × Fail

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 4282570454 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

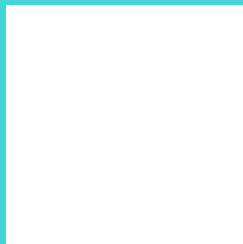
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282570454 Background



This preview shows how black text looks on a background with the Android color 4282570454.



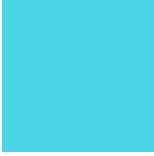
This preview shows how white text looks on a background with the Android color 4282570454.

# 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**  
4283159781

# Trichromacy



**Original Color**  
4282570454



**Protanomaly**  
4287875277



**Deuteranomaly**  
4288136666

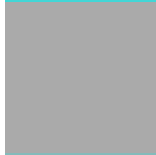


**Tritanomaly**  
4282963424

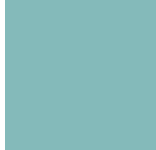
# Monochromacy



**Original Color**  
4282570454



**Achromatopsia**  
4289374890



**Achromatomaly**  
4286888634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282570454 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(66, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(66, 214, 214)  
}
```

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(66, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 214, 214) }
```

## Border

The CSS property to change the border of an element to Android 4282570454 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(66, 214, 214) }
```

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

```
.border{ border-color:rgb(66, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(66, 214,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4282570454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 214, 214) }
```

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

```
.background{ background-color: rgb(66, 214,  
214) }
```

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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