

# Converting Colors

Android(4283673773)

Have a look what the booklet for  
Android(4283673773) contains.

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# **Color**

**Android(4283673773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53ACAD
RGB	83, 172, 173
RGB Percent	33%, 67%, 68%
CMY	0.6745, 0.3255, 0.3216
CMYK	0.52, 0.01, 0.00, 0.32
HSL	181°, 35%, 50%
HSV	181°, 52%, 68%
XYZ	25.8626, 34.3612, 44.8044
YIQ	145.5030, -53.3650, -18.5570

# Conversions

## Conversions Part 2

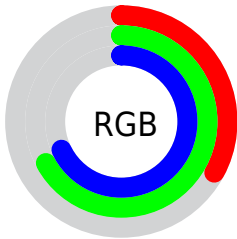
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 128, 173
Decimal	5483693
CIE <sub>Lab</sub>	65.25, -26.21, -8.68
CIE <sub>LCh</sub>	65, 27.605, 198.318
Yxy	34.3612, 0.2462, 0.3272
Android (android.graphics.Color)	4283673773 (0xFF53ACAD)
YUV	145.5030, 13.5560, -54.8151
Hunter-Lab	58.6184, -23.8274, -4.2849

# Details

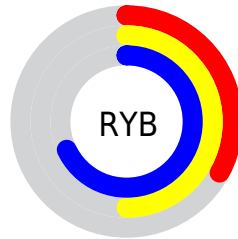
The Android color `4283673773` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289549395`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4287423716`, and `4279007097` is the 20% darker color. If you saturate the color by 10%, you get `4282559661`, and if you desaturate by 10%, it is `4284787885`.

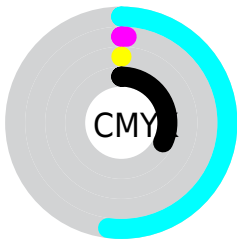
# Distribution



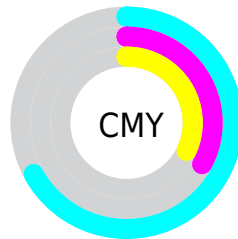
- Red (33%)
- Green (67%)
- Blue (68%)



- Red (33%)
- Yellow (50%)
- Blue (68%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283673773 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 4283673773 by changing the saturation by 10% instead.





4283673773



4283673773

4294967295



4281700754



4287423716



4279007097



4289265663



4278214240



4291166207



4278208072



4293066751



4278202162



4278197277



4278190081



4278190080



4283673773



4283673773

■ 4282559661

■ 4284787885

■ 4281380013

■ 4285967533

■ 4280265645

■ 4287081901

■ 4279151533

■ 4288196013

■ 4278234029

■ 4289375661

■ 4290489773

■ 4291603885

■ 4292718253

■ 4293897901

# Harmonies

## Analogous

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



4285049748



4283673773



4283804098

# Triad

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



4283673773



4290024383



4290353774

# Complementary

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



4283673773



4289549395

# 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.



4291465851



4283673773



4291399081

# Square

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



4283673773



4287994829



4291857808



4288717423

# Rectangle

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



4283673773



4284851916



4291857808



4290746225



# Sweetspot

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



4283673773



4290568416



4283673939



4284182640



4293980400



4285558896



# Same Dimension

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



4283673773



4283817952



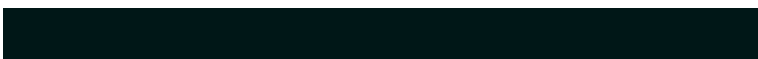
4283662509



4283324247



4278228374



4278195991



# Inverse Universe

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



4289549228



4292892127



4289560659



4283911767



4288020629



4279697431



# Previews

## White Background



This preview shows how the Android color 4283673773 looks on a white background.

## Color Contrast Check

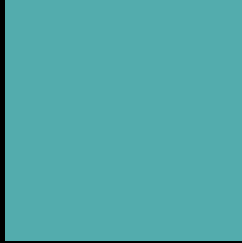
Large Text (above 18pt) WCAG AA × Fail

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 4283673773 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 4283673773 Background



This preview shows how black text looks on a background with the Android color 4283673773.

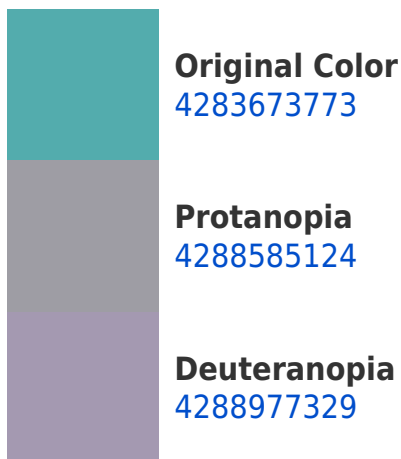


This preview shows how white text looks on a background with the Android color 4283673773.

# 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





# Trichromacy



**Original Color**  
4283673773



**Protanomaly**  
4286816935



**Deuteranomaly**  
4287078576



**Tritanomaly**  
4283870132

# Monochromacy



**Original Color**  
4283673773



**Achromatopsia**  
4287795858



**Achromatomaly**  
4286290844

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283673773 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(83, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(83, 172, 173)  
}
```

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(83, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 172, 173) }
```

## Border

The CSS property to change the border of an element to Android 4283673773 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(83, 172, 173) }
```

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

```
.border{ border-color:rgb(83, 172, 173) }
```

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

Here you see how a box with a 4 pixel rgb(83, 172, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(83, 172,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4283673773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 172, 173) }
```

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

```
.background{ background-color: rgb(83, 172,  
173) }
```

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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