

# Converting Colors

Android(4282493673)

Have a look what the booklet for  
Android(4282493673) contains.

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# **Color**

**Android(4282493673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41AAE9
RGB	65, 170, 233
RGB Percent	25%, 67%, 91%
CMY	0.7451, 0.3333, 0.0863
CMYK	0.72, 0.27, 0.00, 0.09
HSL	202°, 79%, 58%
HSV	202°, 72%, 91%
XYZ	31.2627, 35.7565, 82.3448
YIQ	145.7870, -82.8030, -2.6670

# Conversions

## Conversions Part 2

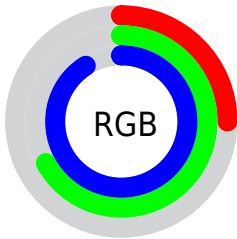
Format	Color
R <sub>Y</sub> B	65, 130, 233
Decimal	4303593
CIE Lab	66.33, -9.74, -40.26
CIE LCh	66, 41.425, 256.398
Yxy	35.7565, 0.2093, 0.2394
Android (android.graphics.Color)	4282493673 (0xFF41AAE9)
YUV	145.7870, 42.9960, -70.8502
Hunter-Lab	59.7967, -11.3216, -39.7893

# Details

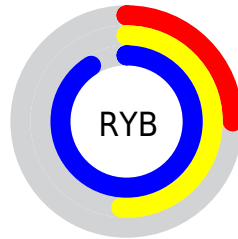
The Android color `4282493673` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4293492801`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286898687`, and `4278220465` is the 20% darker color. If you saturate the color by 10%, you get `4280984041`, and if you desaturate by 10%, it is `4284003305`.

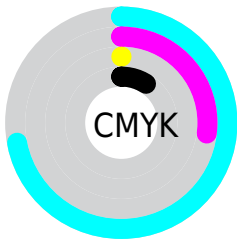
# Distribution



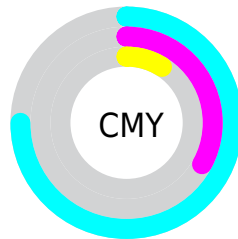
- Red (25%)
- Green (67%)
- Blue (91%)



- Red (25%)
- Yellow (51%)
- Blue (91%)



- Cyan (72%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (33%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282493673 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 4282493673 by changing the saturation by 10% instead.



 4282493673

 4282493673

4294967295

 4278554829

 4286898687

 4278220465

 4288937727

 4278214294

 4290969599

 4278208124

 4292935679

 4278202467

 4278197322

 4278191155

 4278190621

 4278190080

■ 4282493673

■ 4282493673

■ 4280984041

■ 4284003305

■ 4279409129

■ 4285578217

■ 4278227689

■ 4287087849

■ 4288597481

■ 4290107113

■ 4291682025

■ 4293191657

■ 4294701289

■ 4294965737

# Harmonies

## Analogous

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



4278235862



4282493673



4287340264

# Triad

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



4282493673



4293493902



4286295916

# Complementary

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



4282493673



4293492801

# 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.



4289046104



4282493673



4292906093

# Square

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



4282493673



4292773300



4291271001



4282823823

# Rectangle

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



4282493673



4289697245



4291271001



4287212644

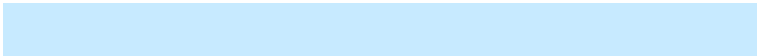


# Sweetspot

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



4282493673



4291291903



4282509695



4284380032



4278190080



4286611584



# Same Dimension

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



4282493673



4280397055



4282472425



4285165941



4278219189



4278198582



# Inverse Universe

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



4293476778



4294910380



4293514049



4285885041



4290052209

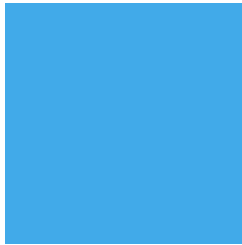


4281729057



# Previews

## White Background



This preview shows how the Android color 4282493673 looks on a white background.

## Color Contrast Check

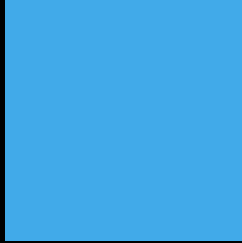
Large Text (above 18pt) WCAG AA × Fail

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 4282493673 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

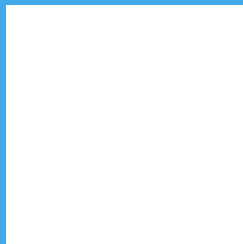
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282493673 Background



This preview shows how black text looks on a background with the Android color 4282493673.



This preview shows how white text looks on a background with the Android color 4282493673.

# 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





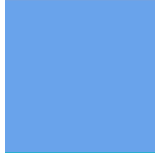
# Trichromacy



**Original Color**  
4282493673



**Protanomaly**  
4285637347



**Deuteranomaly**  
4285113323



**Tritanomaly**  
4280922063

# Monochromacy



**Original Color**  
4282493673



**Achromatopsia**  
4287795858



**Achromatomaly**  
4285897650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282493673 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(65, 170, 233)` looks like.

```
.text, #text, p{  
    color:rgb(65, 170, 233)  
}
```

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(65, 170, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 170, 233) }
```

## Border

The CSS property to change the border of an element to Android 4282493673 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(65, 170, 233) }
```

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

```
.border{ border-color:rgb(65, 170, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 170, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 170, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 170, 233);  
box-shadow:4px 4px 4px 4px rgb(65, 170,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4282493673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 170, 233) }
```

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

```
.background{ background-color: rgb(65, 170,  
233) }
```

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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