

# Converting Colors

Android(4282822084)

Have a look what the booklet for  
Android(4282822084) contains.

<b>Android(4282822084)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4282822084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46ADC4
RGB	70, 173, 196
RGB Percent	27%, 68%, 77%
CMY	0.7255, 0.3216, 0.2314
CMYK	0.64, 0.12, 0.00, 0.23
HSL	191°, 52%, 52%
HSV	191°, 64%, 77%
XYZ	27.4332, 35.1748, 57.5681
YIQ	144.8250, -68.7710, -14.6830

# Conversions

## Conversions Part 2

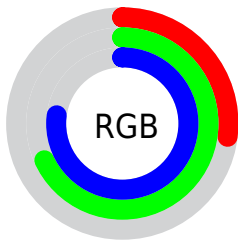
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 127, 196
Decimal	4632004
CIELab	65.88, -22.52, -20.54
CIELCh	66, 30.480, 222.373
Yxy	35.1748, 0.2283, 0.2927
Android (android.graphics.Color)	4282822084 (0xFF46ADC4)
YUV	144.8250, 25.2293, -65.6215
Hunter-Lab	59.3083, -21.2240, -16.0345

# Details

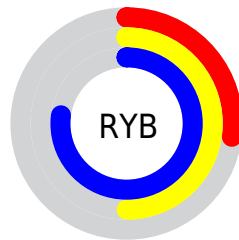
The Android color `4282822084` is a dark color, and the websafe version is hex `339999`. The color can be described as middle muted azure. A complement of this color would be `4291059014`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286834173`, and `4278220942` is the 20% darker color. If you saturate the color by 10%, you get `4281510340`, and if you desaturate by 10%, it is `4284133828`.

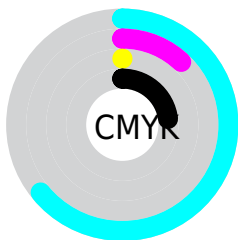
# Distribution



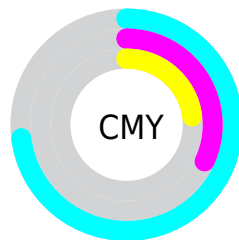
- Red (27%)
- Green (68%)
- Blue (77%)



- Red (27%)
- Yellow (50%)
- Blue (77%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (32%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282822084 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 4282822084 by changing the saturation by 10% instead.





4282822084



4282822084

4294967295



4280259241



4286834173



4278220942



4288806911



4278214517



4290707455



4278208348



4292673535



4278202692



4294639615



4278197806



4278190361



4278190080



4282822084



4282822084

■ 4281510340

■ 4284133828

■ 4280264388

■ 4285379780

■ 4278952644

■ 4286691524

■ 4278231236

■ 4287937476

■ 4289249220

■ 4290560708

■ 4291806916

■ 4293118660

■ 4294364612

# Harmonies

## Analogous

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



4283215787



4282822084



4284721108

# Triad

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



4282822084



4291595697



4289241706

# Complementary

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



4282822084



4291059014

# 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.



4290877804



4282822084



4292250774

# Square

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



4282822084



4289893833



4291989628



4287211895

# Rectangle

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



4282822084



4286554838



4291989628



4289830761

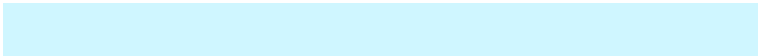


# Sweetspot

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



4282822084



4291819263



4282827867



4284643968



4278190080



4286611584



# Same Dimension

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



4282822084



4282113023



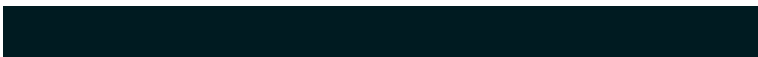
4282806468



4283916129



4278223777



4278197025



# Inverse Universe

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



4291053229



4294917083



4291074630



4284569439



4288741507



4280352795



# Previews

## White Background



This preview shows how the Android color 4282822084 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 4282822084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

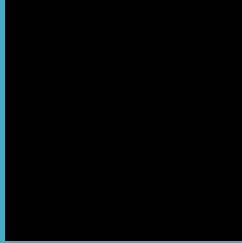
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282822084 Background



This preview shows how black text looks on a background with the Android color 4282822084.



This preview shows how white text looks on a background with the Android color 4282822084.

# 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**

4282822084



**Protanomaly**

4286292926



**Deuteranomaly**

4286292679



**Tritanomaly**

4282625727

# Monochromacy



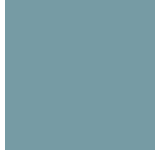
**Original Color**

4282822084



**Achromatopsia**

4287730065



**Achromatomaly**

4285963172

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282822084 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(70, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(70, 173, 196)  
}
```

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(70, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 173, 196) }
```

## Border

The CSS property to change the border of an element to Android 4282822084 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(70, 173, 196) }
```

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

```
.border{ border-color:rgb(70, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(70, 173,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4282822084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 173, 196) }
```

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

```
.background{ background-color: rgb(70, 173,  
196) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor