

# Converting Colors

Android(4283608270)

Have a look what the booklet for  
Android(4283608270) contains.

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# **Color**

**Android(4283608270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52ACCE
RGB	82, 172, 206
RGB Percent	32%, 67%, 81%
CMY	0.6784, 0.3255, 0.1922
CMYK	0.60, 0.17, 0.00, 0.19
HSL	196°, 56%, 56%
HSV	196°, 60%, 81%
XYZ	29.3728, 35.7551, 63.7458
YIQ	148.9660, -64.5540, -8.5060

# Conversions

## Conversions Part 2

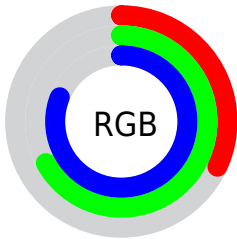
Format	Color
R <sub>Y</sub> B	82, 134, 206
Decimal	5418190
CIE Lab	66.33, -16.84, -25.36
CIE LCh	66, 30.440, 236.417
Yxy	35.7551, 0.2279, 0.2774
Android (android.graphics.Color)	4283608270 (0xFF52ACCE)
YUV	148.9660, 28.1178, -58.7292
Hunter-Lab	59.7956, -16.9595, -21.3499

# Details

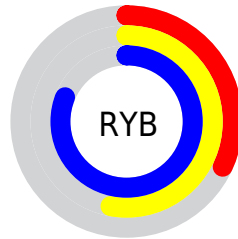
The Android color `4283608270` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4291720274`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4287554559`, and `4278220952` is the 20% darker color. If you saturate the color by 10%, you get `4282230478`, and if you desaturate by 10%, it is `4284986062`.

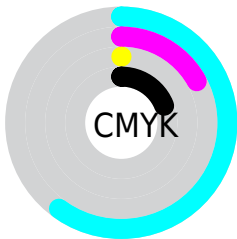
# Distribution



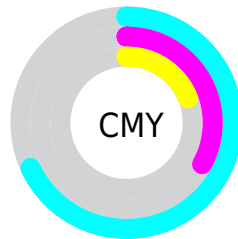
- Red (32%)
- Green (67%)
- Blue (81%)



- Red (32%)
- Yellow (53%)
- Blue (81%)



- Cyan (60%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (68%)
- Magenta (33%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283608270 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 4283608270 by changing the saturation by 10% instead.



 4283608270

 4283608270

4294967295

 4281438642

 4287554559

 4278220952

 4289462271

 4278214526

 4291362815

 4278208357

 4293328895

 4278202444

 4278197557

 4278190624

 4278190084

 4278190080

■ 4283608270

■ 4283608270

■ 4282230478

■ 4284986062

■ 4280918478

■ 4286298062

■ 4279540686

■ 4287675854

■ 4278228686

■ 4288988110

■ 4290365646

■ 4291743438

■ 4293055694

■ 4294433230

■ 4294959054

# Harmonies

## Analogous

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



4282822841



4283608270



4286096855

# Triad

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



4283608270



4292119974



4288391024

# Complementary

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



4283608270



4291720274

# 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.



4290223723



4283608270



4292316810

# Square

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



4283608270



4290876096



4291663221



4286295426

# Rectangle

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



4283608270



4287864789



4291663221



4289045612

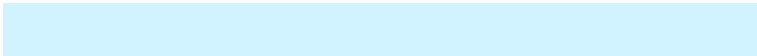


# Sweetspot

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



4283608270



4291949311



4283616883



4284708992



4278190080



4286611584



# Same Dimension

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



4283608270



4282895871



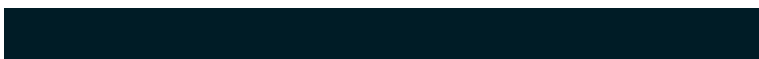
4283592654



4284244838



4278220966



4278197286



# Inverse Universe

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



4291711660



4294920141



4291735890



4284898403



4289069176



4280680476



# Previews

## White Background



This preview shows how the Android color 4283608270 looks on a white background.

## Color Contrast Check

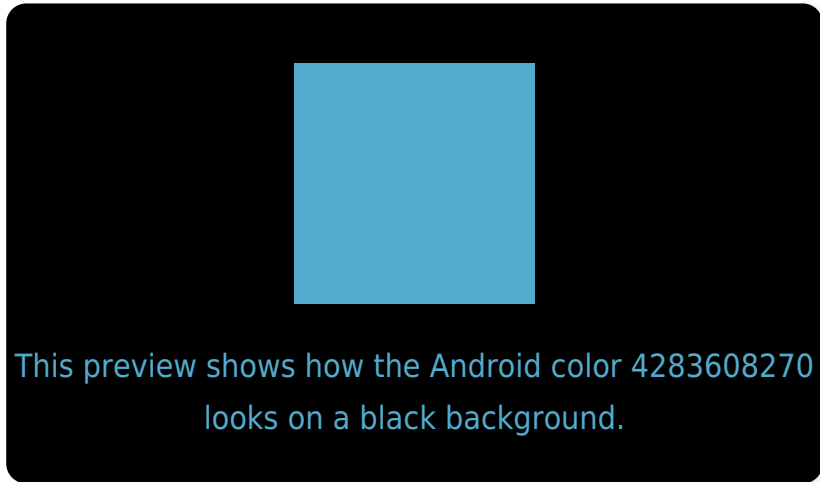
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4283608270 Background



This preview shows how black text looks on a background with the Android color 4283608270.



This preview shows how white text looks on a background with the Android color 4283608270.

# 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**  
4283608270

**Protanomaly**  
4286555336

**Deuteranomaly**  
4286424016

**Tritanomaly**  
4283281091

# Monochromacy



**Original Color**  
4283608270

**Achromatopsia**  
4287993237

**Achromatomaly**  
4286422442

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283608270 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(82, 172, 206)` looks like.

```
.text, #text, p{  
    color:rgb(82, 172, 206)  
}
```

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(82, 172, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 172, 206) }
```

## Border

The CSS property to change the border of an element to Android 4283608270 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(82, 172, 206) }
```

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

```
.border{ border-color:rgb(82, 172, 206) }
```

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

Here you see how a box with a 4 pixel rgb(82, 172, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 172, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 172, 206);  
box-shadow:4px 4px 4px 4px rgb(82, 172,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4283608270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 172, 206) }
```

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

```
.background{ background-color: rgb(82, 172,  
206) }
```

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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