

# Converting Colors

Android(4283607501)

Have a look what the booklet for  
Android(4283607501) contains.

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# **Color**

**Android(4283607501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52A9CD
RGB	82, 169, 205
RGB Percent	32%, 66%, 80%
CMY	0.6784, 0.3373, 0.1961
CMYK	0.60, 0.18, 0.00, 0.20
HSL	198°, 55%, 56%
HSV	198°, 60%, 80%
XYZ	28.6871, 34.5776, 62.9198
YIQ	147.0910, -63.4080, -7.2480

# Conversions

## Conversions Part 2

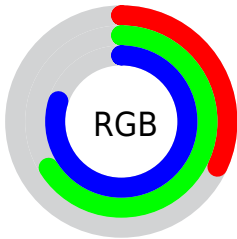
Format	Color
<b>R<sub>YB</sub></b>	82, 133, 205
Decimal	5417421
CIE Lab	65.42, -15.55, -26.21
CIE LCh	65, 30.475, 239.320
Yxy	34.5776, 0.2273, 0.2740
Android (android.graphics.Color)	4283607501 (0xFF52A9CD)
YUV	147.0910, 28.5491, -57.0848
Hunter-Lab	58.8027, -15.8229, -22.2793

# Details

The Android color `4283607501` 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 `4291655250`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287488255`, and `4278220183` is the 20% darker color. If you saturate the color by 10%, you get `4282295245`, and if you desaturate by 10%, it is `4284985293`.

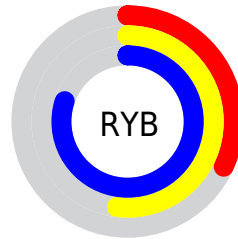
# Distribution



Red (32%)

Green (66%)

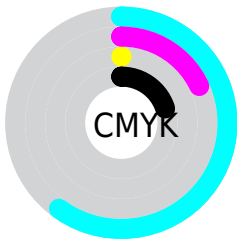
Blue (80%)



Red (32%)

Yellow (52%)

Blue (80%)

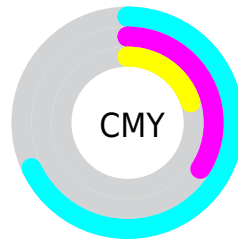


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (34%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283607501 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 4283607501 by changing the saturation by 10% instead.



 4283607501

 4283607501

4294967295

 4281438129

 4287488255

 4278220183

 4289396223

 4278213757

 4291362815

 4278207844

 4293328895

 4278201932

 4278197045

 4278190623

 4278190083

 4278190080

■ 4283607501

■ 4283607501

■ 4282295245

■ 4284985293

■ 4280917453

■ 4286297549

■ 4279539661

■ 4287675341

■ 4278227405

■ 4288987597

■ 4290365389

■ 4291677645

■ 4293055437

■ 4294367693

■ 4294959053

# Harmonies

## Analogous

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



4282559929



4283607501



4286161621

# Triad

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



4283607501



4291988129



4288062831

# Complementary

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



4283607501



4291655250

# 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.



4289895784



4283607501



4292119685

# Square

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



4283607501



4290875323



4291335281



4285967234

# Rectangle

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



4283607501



4287994834



4291335281



4288717675

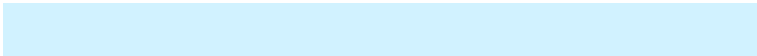


# Sweetspot

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



4283607501



4291949311



4283616629



4284708736



4278190080



4286611584



# Same Dimension

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



4283607501



4282894847



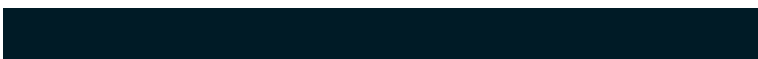
4283592141



4284244838



4278220198



4278197030



# Inverse Universe

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



4291646121



4294920137



4291670610



4284898403



4289069173



4280680475



# Previews

## White Background



This preview shows how the Android color 4283607501 looks on a white background.

## Color Contrast Check

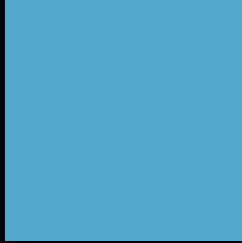
Large Text (above 18pt) WCAG AA × Fail

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 4283607501 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 4283607501 Background



This preview shows how black text looks on a background with the Android color 4283607501.



This preview shows how white text looks on a background with the Android color 4283607501.

# 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**  
4283607501

**Protanomaly**  
4286423495

**Deuteranomaly**  
4286292175

**Tritanomaly**  
4283280321

# Monochromacy



**Original Color**  
4283607501

**Achromatopsia**  
4287861651

**Achromatomaly**  
4286290856

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283607501 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, 169, 205)` looks like.

```
.text, #text, p{  
    color:rgb(82, 169, 205)  
}
```

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, 169, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 169, 205) }
```

## Border

The CSS property to change the border of an element to Android 4283607501 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, 169, 205) }
```

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

```
.border{ border-color:rgb(82, 169, 205) }
```

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

Here you see how a box with a 4 pixel rgb(82, 169, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 169, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 169, 205);  
box-shadow:4px 4px 4px 4px rgb(82, 169,  
205) }
```

# Background

The CSS property to change the background color of an element to Android 4283607501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 169, 205) }
```

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

```
.background{ background-color: rgb(82, 169,  
205) }
```

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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