

# Converting Colors

Android(4281897429)

Have a look what the booklet for  
Android(4281897429) contains.

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# Color

**Android(4281897429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3891D5
RGB	56, 145, 213
RGB Percent	22%, 57%, 84%
CMY	0.7804, 0.4314, 0.1647
CMYK	0.74, 0.32, 0.00, 0.16
HSL	206°, 65%, 53%
HSV	206°, 74%, 84%
XYZ	23.7665, 25.8956, 66.6965
YIQ	126.1410, -74.8720, 2.2800

# Conversions

## Conversions Part 2

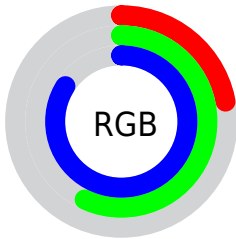
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 113, 213
Decimal	3707349
CIE <sub>Lab</sub>	57.94, -3.70, -42.38
CIE <sub>LCh</sub>	58, 42.537, 265.015
Yxy	25.8956, 0.2043, 0.2226
Android (android.graphics.Color)	4281897429 (0xFF3891D5)
YUV	126.1410, 42.8215, -61.5137
Hunter-Lab	50.8878, -5.6873, -42.0875

# Details

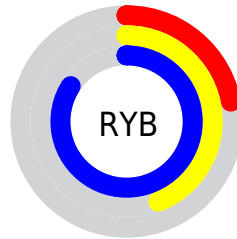
The Android color `4281897429` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292181048`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4286236671`, and `4278214558` is the 20% darker color. If you saturate the color by 10%, you get `4280518869`, and if you desaturate by 10%, it is `4283275989`.

# Distribution



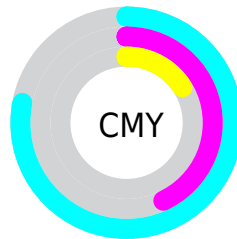
- Red (22%)
- Green (57%)
- Blue (84%)



- Red (22%)
- Yellow (44%)
- Blue (84%)



- Cyan (74%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (78%)
- Magenta (43%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281897429 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 4281897429 by changing the saturation by 10% instead.



 4281897429

 4281897429

4294967295

 4278220729

 4286236671

 4278214558

 4288275455

 4278208643

 4290248703

 4278202986

 4292214783

 4278197585

 4294180863

 4278191418

 4278190627

 4278190091

 4278190080

■ 4281897429

■ 4281897429

■ 4280518869

■ 4283275989

■ 4279074773

■ 4284720085

■ 4278221269

■ 4286098901

■ 4287477461

■ 4288921557

■ 4290300117

■ 4291678933

■ 4293057493

■ 4294501589

# Harmonies

## Analogous

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



4278229703



4281897429



4286874831

# Triad

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



4281897429



4291915374



4283800159

# Complementary

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



4281897429



4292181048

# 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.



4286747205



4281897429



4291000655

# Square

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



4281897429



4291653011



4289169215



4278230660

# Rectangle

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



4281897429



4289100480



4289169215



4284913749

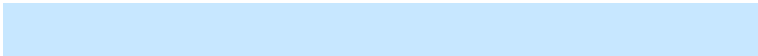


# Sweetspot

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



4281897429



4291291135



4281914745



4284379520



4278190080



4286611584



# Same Dimension

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



4281897429



4280262399



4281877973



4284507755



4278215083



4278196523



# Inverse Universe

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



4292163729



4294909854



4292200504



4285227110



4289396833



4281008153



# Previews

## White Background



This preview shows how the Android color 4281897429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281897429 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 × Fail

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



# Android 4281897429 Background



This preview shows how black text looks on a background with the Android color 4281897429.



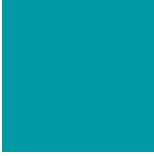
This preview shows how white text looks on a background with the Android color 4281897429.

# 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**  
4281897429

**Protanomaly**  
4284386256

**Deuteranomaly**  
4283665878

**Tritanomaly**  
4279539639

# Monochromacy



**Original Color**  
4281897429

**Achromatopsia**  
4286479998

**Achromatomaly**  
4284843422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281897429 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(56, 145, 213)` looks like.

```
.text, #text, p{  
    color:rgb(56, 145, 213)  
}
```

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(56, 145, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 145, 213) }
```

## Border

The CSS property to change the border of an element to Android 4281897429 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(56, 145, 213) }
```

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

```
.border{ border-color:rgb(56, 145, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 145, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 145, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 145, 213);  
box-shadow:4px 4px 4px 4px rgb(56, 145,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4281897429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 145, 213) }
```

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

```
.background{ background-color: rgb(56, 145,  
213) }
```

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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