

# Converting Colors

Android(4281439441)

Have a look what the booklet for  
Android(4281439441) contains.

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# Color

**Android(4281439441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3194D1
RGB	49, 148, 209
RGB Percent	19%, 58%, 82%
CMY	0.8078, 0.4196, 0.1804
CMYK	0.77, 0.29, 0.00, 0.18
HSL	203°, 63%, 51%
HSV	203°, 77%, 82%
XYZ	23.3652, 26.4362, 64.1928
YIQ	125.3530, -78.5850, -2.0170

# Conversions

## Conversions Part 2

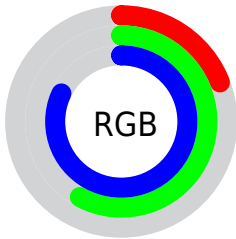
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	49, 110, 209
Decimal	3249361
CIE Lab	58.45, -7.68, -39.34
CIE LCh	58, 40.085, 258.951
Yxy	26.4362, 0.2050, 0.2319
Android (android.graphics.Color)	4281439441 (0xFF3194D1)
YUV	125.3530, 41.2380, -66.9616
Hunter-Lab	51.4162, -8.8622, -38.0319

# Details

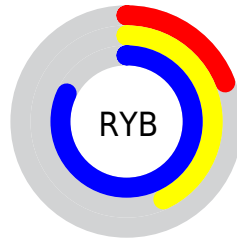
The Android color `4281439441` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4291915313`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285975295`, and `4278215322` is the 20% darker color. If you saturate the color by 10%, you get `4280061137`, and if you desaturate by 10%, it is `4282817745`.

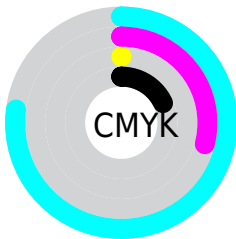
# Distribution



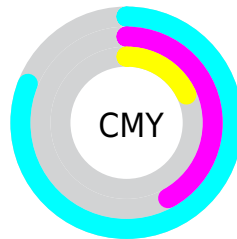
- Red (19%)
- Green (58%)
- Blue (82%)



- Red (19%)
- Yellow (43%)
- Blue (82%)



- Cyan (77%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (81%)
- Magenta (42%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281439441 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 4281439441 by changing the saturation by 10% instead.



 4281439441

 4281439441

4294967295

 4278221493

 4285975295

 4278215322

 4287948543

 4278209152

 4289921023

 4278203495

 4291887103

 4278198094

 4293918719

 4278191415

 4278190625

 4278190085

 4278190080

■ 4281439441

■ 4281439441

■ 4280061137

■ 4282817745

■ 4278682833

■ 4284196049

■ 4278223313

■ 4285574353

■ 4286952657

■ 4288330961

■ 4289643729

■ 4291022033

■ 4292400337

■ 4293778641

# Harmonies

## Analogous

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



4278229953



4281439441



4286286031

# Triad

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



4281439441



4291850616



4284783197

# Complementary

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



4281439441



4291915313

# 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.



4287402312



4281439441



4291131737

# Square

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



4281439441



4291326363



4289562183



4281048702

# Rectangle

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



4281439441



4288577475



4289562183



4285699924

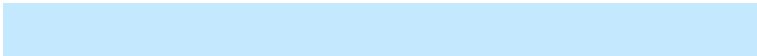


# Sweetspot

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



4281439441



4291095039



4281454956



4284248704



4278190080



4286611584



# Same Dimension

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



4281439441



4279543551



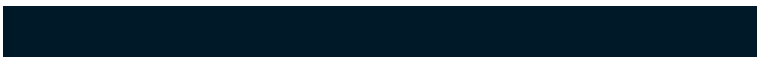
4281419473



4284376425



4278216872



4278196521



# Inverse Universe

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



4291899796



4294907046



4291935281



4285095525



4289200232



4280877081



# Previews

## White Background



This preview shows how the Android color 4281439441 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 4281439441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

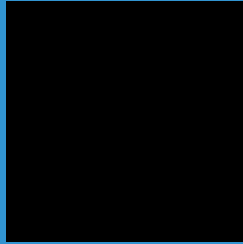
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281439441 Background



This preview shows how black text looks on a background with the Android color 4281439441.



This preview shows how white text looks on a background with the Android color 4281439441.

# 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**  
4281439441

**Protanomaly**  
4284386763

**Deuteranomaly**  
4283797202

**Tritanomaly**  
4279408823

# Monochromacy



**Original Color**  
4281439441

**Achromatopsia**  
4286414205

**Achromatomaly**  
4284581276

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281439441 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(49, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(49, 148, 209)  
}
```

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(49, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 148, 209) }
```

## Border

The CSS property to change the border of an element to Android 4281439441 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(49, 148, 209) }
```

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

```
.border{ border-color:rgb(49, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(49, 148,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4281439441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 148, 209) }
```

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

```
.background{ background-color: rgb(49, 148,  
209) }
```

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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