

# Converting Colors

Android(4281694922)

Have a look what the booklet for  
Android(4281694922) contains.

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# Color

**Android(4281694922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	357ACA
RGB	53, 122, 202
RGB Percent	21%, 48%, 79%
CMY	0.7922, 0.5216, 0.2078
CMYK	0.74, 0.40, 0.00, 0.21
HSL	212°, 58%, 50%
HSV	212°, 74%, 79%
XYZ	19.0884, 18.9402, 58.5269
YIQ	110.4890, -66.8040, 10.2520

# Conversions

## Conversions Part 2

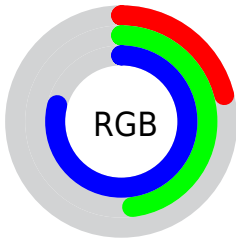
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 100, 202
Decimal	3504842
CIE Lab	50.62, 5.66, -47.76
CIE LCh	51, 48.093, 276.763
Yxy	18.9402, 0.1977, 0.1962
Android (android.graphics.Color)	4281694922 (0xFF357ACA)
YUV	110.4890, 45.1149, -50.4179
Hunter-Lab	43.5204, 2.1310, -49.2699

# Details

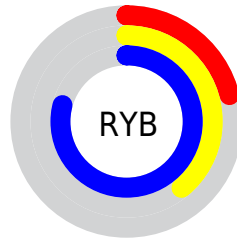
The Android color `4281694922` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark muted azure. A complement of this color would be `4291462453`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4285968127`, and `4278209171` is the 20% darker color. If you saturate the color by 10%, you get `4280381386`, and if you desaturate by 10%, it is `4283008458`.

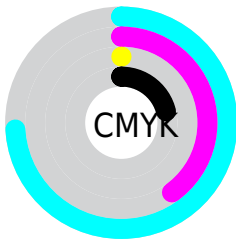
# Distribution



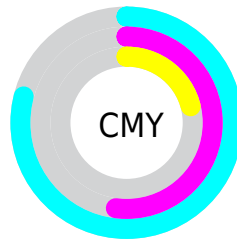
- Red (21%)
- Green (48%)
- Blue (79%)



- Red (21%)
- Yellow (39%)
- Blue (79%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (52%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281694922 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 4281694922 by changing the saturation by 10% instead.





4281694922



4281694922

4294967295



4278215086



4285968127



4278209171



4287941119



4278203513



4289914367



4278198368



4291887103



4278191688



4293853183



4278191152



4278190362



4278190080



4281694922



4281694922

■ 4280381386

■ 4283008458

■ 4279067850

■ 4284321994

■ 4278214346

■ 4285701066

■ 4287014346

■ 4288327882

■ 4289641418

■ 4290954954

■ 4292334026

■ 4293647562

# Harmonies

## Analogous

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



4278224323



4281694922



4287064762

# Triad

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



4281694922



4290665290



4278749783

# Complementary

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



4281694922



4291462453

# 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.



4284187699



4281694922



4289227563

# Square

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



4281694922



4290990961



4287002912



4278226049

# Rectangle

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



4281694922



4289093286



4287002912



4281567561

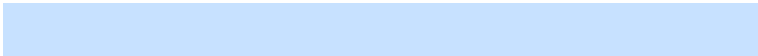


# Sweetspot

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



4281694922



4291289599



4281715332



4284378752



4278190080



4286611584



# Same Dimension

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



4281694922



4280059391



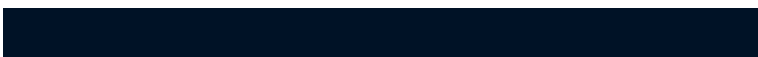
4282004938



4284244326



4278209958



4278194726



# Inverse Universe

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



4291442042



4294909061



4291152437



4284898401



4289069133



4280680466



# Previews

## White Background



This preview shows how the Android color 4281694922 looks on a white background.

## Color Contrast Check

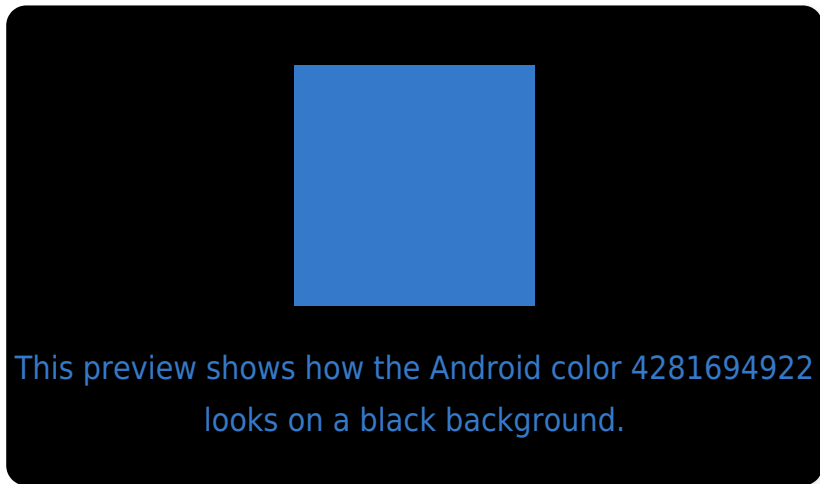
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4281694922 Background



This preview shows how black text looks on a background with the Android color 4281694922.



This preview shows how white text looks on a background with the Android color 4281694922.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281694922 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(53, 122, 202)` looks like.

```
.text, #text, p{  
    color:rgb(53, 122, 202)  
}
```

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(53, 122, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 122, 202) }
```

## Border

The CSS property to change the border of an element to Android 4281694922 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(53, 122, 202) }
```

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

```
.border{ border-color:rgb(53, 122, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 122, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 122, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 122, 202);  
box-shadow:4px 4px 4px 4px rgb(53, 122,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4281694922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 122, 202) }
```

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

```
.background{ background-color: rgb(53, 122,  
202) }
```

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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