

# Converting Colors

Android(4282154955)

Have a look what the booklet for  
Android(4282154955) contains.

<b>Android(4282154955)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Android(4282154955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C7FCB
RGB	60, 127, 203
RGB Percent	24%, 50%, 80%
CMY	0.7647, 0.5020, 0.2039
CMYK	0.70, 0.37, 0.00, 0.20
HSL	212°, 58%, 52%
HSV	212°, 70%, 80%
XYZ	20.2323, 20.4512, 59.3810
YIQ	115.6310, -64.3280, 9.4320

# Conversions

## Conversions Part 2

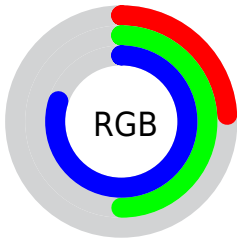
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 106, 203
Decimal	3964875
CIE <sub>Lab</sub>	52.34, 3.96, -45.57
CIE <sub>LCh</sub>	52, 45.741, 274.964
Yxy	20.4512, 0.2022, 0.2044
Android (android.graphics.Color)	4282154955 (0xFF3C7FCB)
YUV	115.6310, 43.0729, -48.7884
Hunter-Lab	45.2230, 0.7190, -46.1959

# Details

The Android color `4282154955` 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 `4291528764`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4286297087`, and `4278210452` is the 20% darker color. If you saturate the color by 10%, you get `4280841419`, and if you desaturate by 10%, it is `4283468491`.

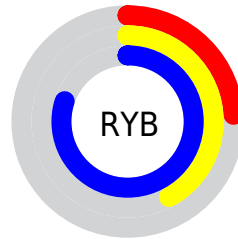
# Distribution



Red (24%)

Green (50%)

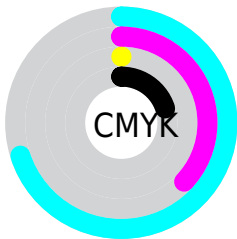
Blue (80%)



Red (24%)

Yellow (42%)

Blue (80%)

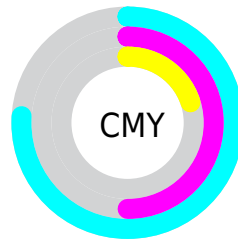


Cyan (70%)

Magenta (37%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (50%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282154955 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 4282154955 by changing the saturation by 10% instead.





4282154955



4282154955

4294967295



4278937263



4286297087



4278210452



4288270335



4278204538



4290178047



4278199393



4292149247



4278193481



4294115327



4278191153



4278190363



4278190080



4282154955



4282154955

■ 4280841419

■ 4283468491

■ 4279462347

■ 4284847563

■ 4278214603

■ 4286160843

■ 4287474379

■ 4288853451

■ 4290166987

■ 4291480523

■ 4292793803

■ 4294172875

# Harmonies

## Analogous

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



4278225603



4282154955



4287131837

# Triad

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



4282154955



4290863186



4280782426

# Complementary

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



4282154955



4291528764

# 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.



4284778297



4282154955



4289556277

# Square

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



4282154955



4291123832



4287462698



4278227074

# Rectangle

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



4282154955



4289160618



4287462698



4282485838

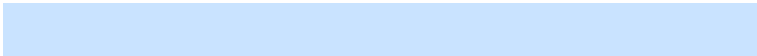


# Sweetspot

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



4282154955



4291421183



4282174342



4284510080



4278190080



4286611584



# Same Dimension

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



4282154955



4280716543



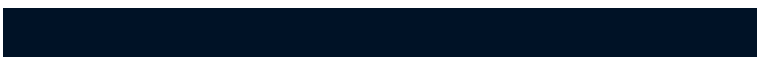
4282268875



4284244326



4278210214



4278194726



# Inverse Universe

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



4291509375



4294911628



4291414844



4284898401



4289069134

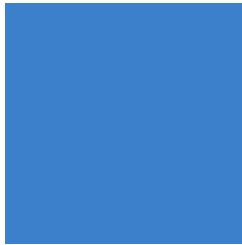


4280680466



# Previews

## White Background



This preview shows how the Android color 4282154955 looks on a white background.

## Color Contrast Check

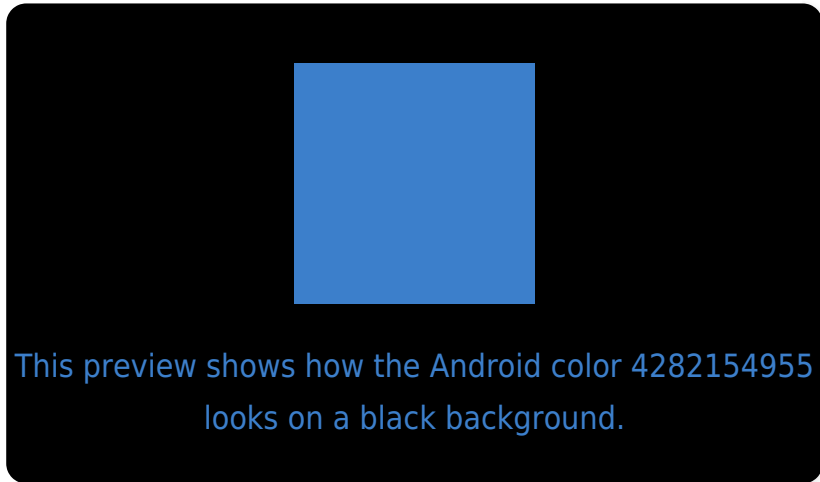
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282154955 Background



This preview shows how black text looks on a background with the Android color 4282154955.



This preview shows how white text looks on a background with the Android color 4282154955.

# 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



**Original Color**  
4282154955

**Protanopia**  
4284447430

**Deuteranopia**  
4283071948

# Trichromacy



**Original Color**  
4282154955

**Protanomaly**  
4283595976

**Deuteranomaly**  
4282744524

# Monochromacy



**Original Color**  
4282154955

**Achromatopsia**  
4285822068

**Achromatomaly**  
4284512404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282154955 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(60, 127, 203)` looks like.

```
.text, #text, p{  
    color:rgb(60, 127, 203)  
}
```

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(60, 127, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 127, 203) }
```

## Border

The CSS property to change the border of an element to Android 4282154955 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(60, 127, 203) }
```

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

```
.border{ border-color:rgb(60, 127, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 127, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 127, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 127, 203);  
box-shadow:4px 4px 4px 4px rgb(60, 127,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4282154955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 127, 203) }
```

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

```
.background{ background-color: rgb(60, 127,  
203) }
```

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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