

# Converting Colors

Android(4282551551)

Have a look what the booklet for  
Android(4282551551) contains.

<b>Android(4282551551)</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> .....	29

# **Color**

**Android(4282551551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	428CFF
RGB	66, 140, 255
RGB Percent	26%, 55%, 100%
CMY	0.7412, 0.4510, 0.0000
CMYK	0.74, 0.45, 0.00, 0.00
HSL	217°, 100%, 63%
HSV	217°, 74%, 100%
XYZ	29.6749, 27.1344, 98.2812
YIQ	130.9840, -81.0190, 20.0770

# Conversions

## Conversions Part 2

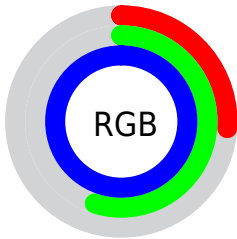
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 119, 255
Decimal	4361471
CIE Lab	59.10, 15.50, -63.81
CIE LCh	59, 65.661, 283.652
Yxy	27.1344, 0.1913, 0.1750
Android (android.graphics.Color)	4282551551 (0xFF428CFF)
YUV	130.9840, 61.1399, -56.9910
Hunter-Lab	52.0907, 10.5285, -75.4008

# Details

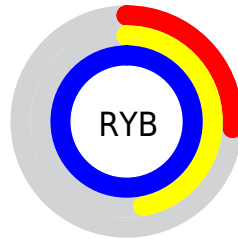
The Android color `4282551551` is a light color, and the websafe version is hex `6699FF`. The color can be described as light washed azure. A complement of this color would be `4294948162`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4287152639`, and `4278213573` is the 20% darker color. If you saturate the color by 10%, you get `4280843519`, and if you desaturate by 10%, it is `4284194047`.

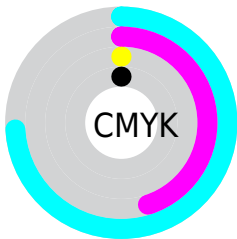
# Distribution



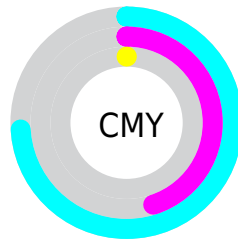
- Red (26%)
- Green (55%)
- Blue (100%)



- Red (26%)
- Yellow (47%)
- Blue (100%)



- Cyan (74%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (45%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282551551 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 4282551551 by changing the saturation by 10% instead.



 4282551551

 4282551551

4294967295

 4278219746

 4287152639

 4278213573

 4289256959

 4278207658

 4291295743

 4278202255

 4293394431

 4278197620

 4278191195

 4278191938

 4278190891

 4278190358

■ 4282551551

■ 4282551551

■ 4280843519

■ 4284194047

■ 4279201279

■ 4285901823

■ 4278215935

■ 4287609855

■ 4289252095

■ 4290960127

■ 4292602367

■ 4294244863

4294967295

# Harmonies

## Analogous

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



4278230781



4282551551



4289885154

# Triad

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



4282551551



4293355328



4278232940

# Complementary

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



4282551551



4294948162

# 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.



4283342899



4282551551



4291067917

# Square

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



4282551551



4294268022



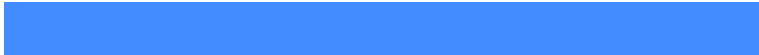
4287730688



4278233512

# Rectangle

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



4282551551



4292436418



4287730688



4278232408



# Sweetspot

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



4282551551



4291288575



4282580915



4284377984



4278190080



4286611584



# Same Dimension

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



4282551551



4280055295



4283777791



4285757568



4278209471



4278196544



# Inverse Universe

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



4294918796



4294909045



4293721922



4286608248



4290707531



4282384409



# Previews

## White Background



This preview shows how the Android color 4282551551 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 4282551551 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

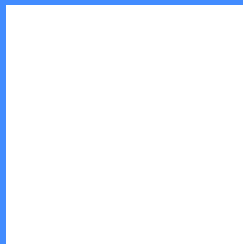
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282551551 Background



This preview shows how black text looks on a background with the Android color 4282551551.



This preview shows how white text looks on a background with the Android color 4282551551.

# 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





**Tritanopia**  
4278230441

# Trichromacy



**Original Color**  
4282551551

**Protanomaly**  
4283403005

**Deuteranomaly**  
4280651774

**Tritanomaly**  
4279801800

# Monochromacy



**Original Color**  
4282551551

**Achromatopsia**  
4286808963

**Achromatomaly**  
4285236912

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282551551 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(66, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 140, 255)  
}
```

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(66, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 140, 255) }
```

## Border

The CSS property to change the border of an element to Android 4282551551 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(66, 140, 255) }
```

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

```
.border{ border-color:rgb(66, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 140,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4282551551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 140, 255) }
```

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

```
.background{ background-color: rgb(66, 140,  
255) }
```

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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