

# Converting Colors

Android(4282550233)

Have a look what the booklet for  
Android(4282550233) contains.

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# Color

**Android(4282550233)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4287D9
RGB	66, 135, 217
RGB Percent	26%, 53%, 85%
CMY	0.7412, 0.4706, 0.1490
CMYK	0.70, 0.38, 0.00, 0.15
HSL	213°, 67%, 55%
HSV	213°, 70%, 85%
XYZ	23.4351, 23.4960, 68.9456
YIQ	123.7170, -67.4460, 10.8740

# Conversions

## Conversions Part 2

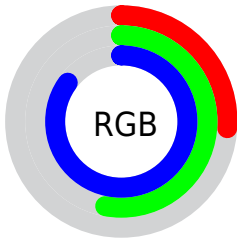
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	66, 113, 217
Decimal	4360153
CIE Lab	55.58, 5.00, -48.33
CIE LCh	56, 48.588, 275.904
Yxy	23.4960, 0.2022, 0.2028
Android (android.graphics.Color)	4282550233 (0xFF4287D9)
YUV	123.7170, 45.9885, -50.6178
Hunter-Lab	48.4726, 1.4726, -50.4010

# Details

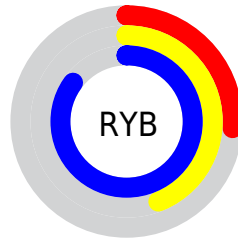
The Android color `4282550233` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4292449346`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4286758143`, and `4278212258` is the 20% darker color. If you saturate the color by 10%, you get `4281105369`, and if you desaturate by 10%, it is `4283995097`.

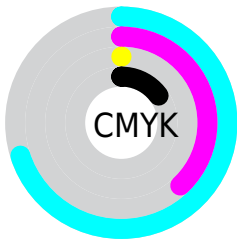
# Distribution



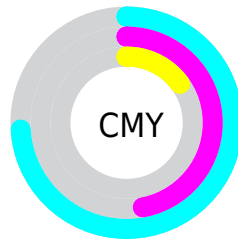
- Red (26%)
- Green (53%)
- Blue (85%)



- Red (26%)
- Yellow (44%)
- Blue (85%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)




















- Cyan (74%)
- Magenta (47%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282550233 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 4282550233 by changing the saturation by 10% instead.



 4282550233	 4282550233
 4294967295	 4279529149
 4286758143	 4278212258
 4288731135	 4278206343
 4290704639	 4278200941
 4292673535	 4278195796
 4294639615	 4278191676
	 4278190630
	 4278190351
	 4278190080

■ 4282550233

■ 4282550233

■ 4281105369

■ 4283995097

■ 4279726041

■ 4285374425

■ 4278281433

■ 4286819033

■ 4278215641

■ 4288263897

■ 4289708761

■ 4291088089

■ 4292532697

■ 4293977561

■ 4294963673

# Harmonies

## Analogous

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



4278227922



4282550233



4287789002

# Triad

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



4282550233



4291716950



4280588129

# Complementary

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



4282550233



4292449346

# 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.



4285043005



4282550233



4290278967

# Square

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



4282550233



4291977086



4287989292



4278229644

# Rectangle

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



4282550233



4289948597



4287989292



4282553940



# Sweetspot

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



4282550233



4291420927



4282571155



4284509824



4278190080



4286611584



# Same Dimension

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



4282550233



4280912895



4282860249



4284704878



4278210477



4278195502



# Inverse Universe

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



4292428423



4294912395



4292139330



4285424488



4289527887

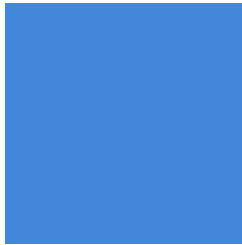


4281204757



# Previews

## White Background



This preview shows how the Android color 4282550233 looks on a white background.

## Color Contrast Check

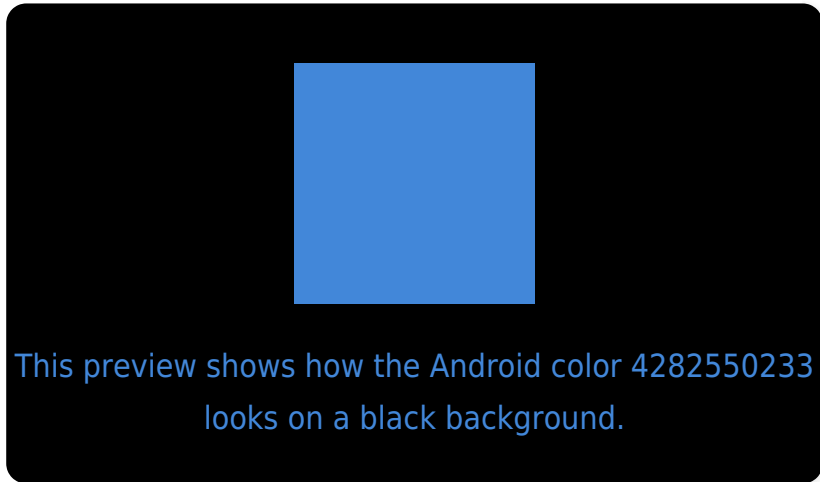
Large Text (above 18pt) WCAG AA ✓ Pass

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

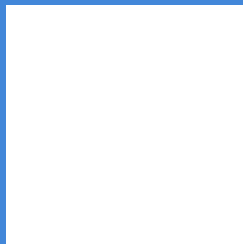
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282550233 Background



This preview shows how black text looks on a background with the Android color 4282550233.



This preview shows how white text looks on a background with the Android color 4282550233.

# 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**  
4282550233

**Protanomaly**  
4283991254

**Deuteranomaly**  
4283074265

**Tritanomaly**  
4280127412

# Monochromacy



**Original Color**  
4282550233

**Achromatopsia**  
4286348412

**Achromatomaly**  
4284973214

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282550233 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, 135, 217)` looks like.

```
.text, #text, p{  
    color:rgb(66, 135, 217)  
}
```

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, 135, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 135, 217) }
```

## Border

The CSS property to change the border of an element to Android 4282550233 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, 135, 217) }
```

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

```
.border{ border-color:rgb(66, 135, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 135, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(66, 135, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(66, 135, 217); box-shadow:4px 4px 4px 4px rgb(66, 135, 217) }
```

# Background

The CSS property to change the background color of an element to Android 4282550233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 135, 217) }
```

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

```
.background{ background-color: rgb(66, 135,  
217) }
```

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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