

# Converting Colors

Android(4282347744)

Have a look what the booklet for  
Android(4282347744) contains.

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# Color

**Android(4282347744)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F70E0
RGB	63, 112, 224
RGB Percent	25%, 44%, 88%
CMY	0.7529, 0.5608, 0.1216
CMYK	0.72, 0.50, 0.00, 0.12
HSL	222°, 72%, 56%
HSV	222°, 72%, 88%
XYZ	21.2986, 18.0269, 72.8780
YIQ	110.1170, -65.1560, 24.4440

# Conversions

## Conversions Part 2

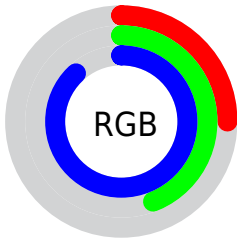
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 101, 224
Decimal	4157664
CIE Lab	49.53, 21.25, -61.97
CIE LCh	50, 65.508, 288.925
Yxy	18.0269, 0.1898, 0.1607
Android (android.graphics.Color)	4282347744 (0xFF3F70E0)
YUV	110.1170, 56.1443, -41.3216
Hunter-Lab	42.4581, 15.2407, -72.0487

# Details

The Android color `4282347744` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4292915007`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286686207`, and `4278206888` is the 20% darker color. If you saturate the color by 10%, you get `4280901856`, and if you desaturate by 10%, it is `4283793632`.

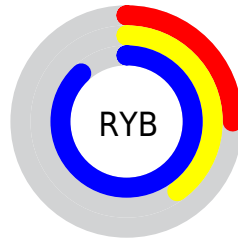
# Distribution



Red (25%)

Green (44%)

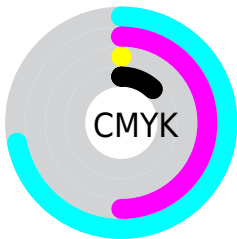
Blue (88%)



Red (25%)

Yellow (40%)

Blue (88%)

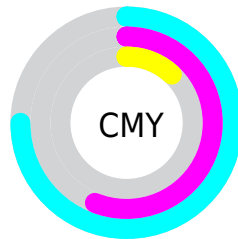


Cyan (72%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (56%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282347744 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 4282347744 by changing the saturation by 10% instead.



 4282347744

 4282347744

4294967295

 4278474948

 4286686207

 4278206888

 4288724735

 4278201485

 4290697983

 4278196851

 4292736767

 4278190169

 4294705151

 4278191937

 4278190890

 4278190356

 4278190080

■ 4282347744

■ 4282347744

■ 4280901856

■ 4283793632

■ 4279390688

■ 4285304800

■ 4278207712

■ 4286750688

■ 4288261856

■ 4289707744

■ 4291153376

■ 4292664800

■ 4294110688

■ 4294966496

# Harmonies

## Analogous

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



4278223588



4282347744



4288894400

# Triad

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



4282347744



4291056417



4278226271

# Complementary

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



4282347744



4292915007

# 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.



4280059940



4282347744



4288637952

# Square

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



4282347744



4292294997



4285365760



4278226840

# Rectangle

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



4282347744



4291052191



4285365760



4278225995



# Sweetspot

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



4282347744



4291287295



4282376365



4284377216



4278190080



4286611584



# Same Dimension

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



4282347744



4280575743



4284301280



4284835952



4278204080



4278193968



# Inverse Universe

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



4292886384



4294911078



4290961471



4285556072



4289724470



4281335823



# Previews

## White Background



This preview shows how the Android color 4282347744 looks on a white background.

## Color Contrast Check

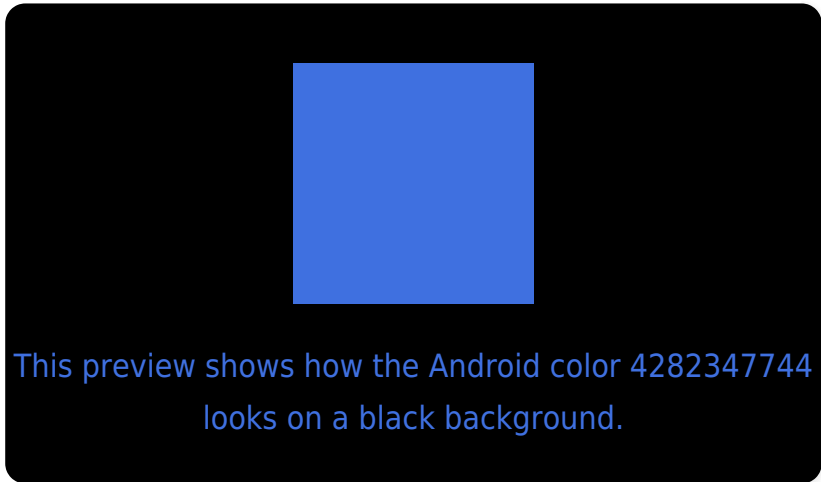
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 4282347744 Background



This preview shows how black text looks on a background with the Android color 4282347744.



This preview shows how white text looks on a background with the Android color 4282347744.

# 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**  
4282347744

**Protanomaly**  
4281889249

**Deuteranomaly**  
4279727318

**Tritanomaly**  
4279729067

# Monochromacy



**Original Color**  
4282347744

**Achromatopsia**  
4285427310

**Achromatomaly**  
4284313495

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282347744 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(63, 112, 224)` looks like.

```
.text, #text, p{  
    color:rgb(63, 112, 224)  
}
```

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(63, 112, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 112, 224) }
```

## Border

The CSS property to change the border of an element to Android 4282347744 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(63, 112, 224) }
```

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

```
.border{ border-color:rgb(63, 112, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 112, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 112, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 112, 224);  
box-shadow:4px 4px 4px 4px rgb(63, 112,  
224) }
```

# Background

The CSS property to change the background color of an element to Android 4282347744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 112, 224) }
```

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

```
.background{ background-color: rgb(63, 112,  
224) }
```

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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