

# Converting Colors

Android(4282219967)

Have a look what the booklet for  
Android(4282219967) contains.

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# Color

**Android(4282219967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D7DBF
RGB	61, 125, 191
RGB Percent	24%, 49%, 75%
CMY	0.7608, 0.5098, 0.2510
CMYK	0.68, 0.35, 0.00, 0.25
HSL	210°, 52%, 49%
HSV	210°, 68%, 75%
XYZ	18.6621, 19.4209, 52.0552
YIQ	113.3880, -59.3300, 6.9580

# Conversions

## Conversions Part 2

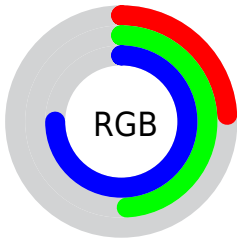
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 104, 191
Decimal	4029887
CIE Lab	51.18, 1.06, -40.57
CIE LCh	51, 40.579, 271.494
Yxy	19.4209, 0.2070, 0.2155
Android (android.graphics.Color)	4282219967 (0xFF3D7DBF)
YUV	113.3880, 38.2627, -45.9443
Hunter-Lab	44.0692, -1.5313, -39.1859

# Details

The Android color `4282219967` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290740029`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4286231032`, and `4278209929` is the 20% darker color. If you saturate the color by 10%, you get `4280972223`, and if you desaturate by 10%, it is `4283467711`.

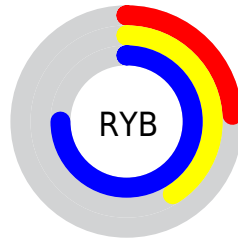
# Distribution



Red (24%)

Green (49%)

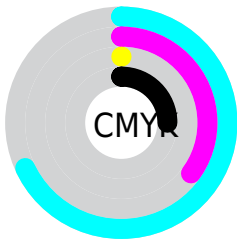
Blue (75%)



Red (24%)

Yellow (41%)

Blue (75%)

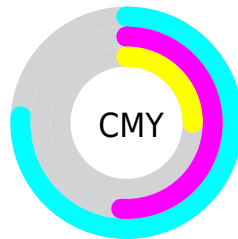


Cyan (68%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (76%)

Magenta (51%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282219967 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 4282219967 by changing the saturation by 10% instead.





4282219967



4282219967

4294967295



4279461028



4286231032



4278209929



4288138751



4278204015



4290046463



4278198871



4292018175



4278192703



4293918719



4278190888



4278190354



4278190080



4282219967



4282219967

■ 4280972223

■ 4283467711

■ 4279724735

■ 4284715199

■ 4278476991

■ 4285962943

■ 4278214335

■ 4287210687

■ 4288523711

■ 4289771455

■ 4291019199

■ 4292266943

■ 4293514431

# Harmonies

## Analogous

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



4278224566



4282219967



4286476469

# Triad

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



4282219967



4290338904



4282091863

# Complementary

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



4282219967



4290740029

# 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.



4285104700



4282219967



4289227837

# Square

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



4282219967



4290337914



4287396146



4278225787

# Rectangle

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



4282219967



4288374693



4287396146



4283205453



# Sweetspot

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



4282219967



4291223287



4282236798



4284444285



4294769916



4286414205



# Same Dimension

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



4282219967



4281176311



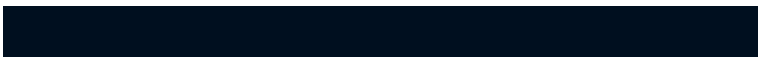
4282203583



4283783774



4278210206



4278193951



# Inverse Universe

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



4290723197



4294389136



4290756413



4284372314



4288544846

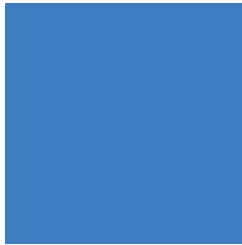


4280221711



# Previews

## White Background



This preview shows how the Android color 4282219967 looks on a white background.

## Color Contrast Check

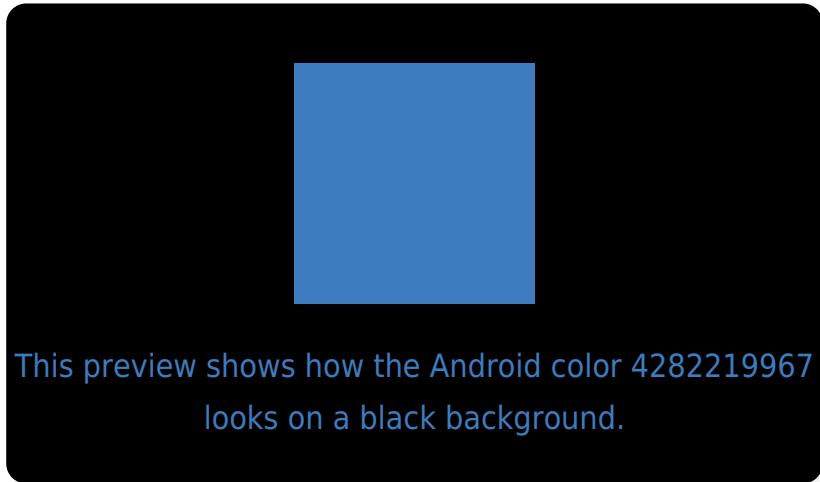
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282219967 Background



This preview shows how black text looks on a background with the Android color 4282219967.



This preview shows how white text looks on a background with the Android color 4282219967.

# 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**  
4282219967

**Protanopia**  
4284577722

**Deuteranopia**  
4283595200



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282219967 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(61, 125, 191)` looks like.

```
.text, #text, p{  
    color:rgb(61, 125, 191)  
}
```

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(61, 125, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 125, 191) }
```

## Border

The CSS property to change the border of an element to Android 4282219967 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(61, 125, 191) }
```

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

```
.border{ border-color:rgb(61, 125, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 125, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 125, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 125, 191);  
box-shadow:4px 4px 4px 4px rgb(61, 125,  
191) }
```

# Background

The CSS property to change the background color of an element to Android 4282219967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 125, 191) }
```

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

```
.background{ background-color: rgb(61, 125,  
191) }
```

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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