

# Converting Colors

Android(4282741215)

Have a look what the booklet for  
Android(4282741215) contains.

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# Color

**Android(4282741215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4571DF
RGB	69, 113, 223
RGB Percent	27%, 44%, 87%
CMY	0.7294, 0.5569, 0.1255
CMYK	0.69, 0.49, 0.00, 0.13
HSL	223°, 71%, 57%
HSV	223°, 69%, 87%
XYZ	21.6787, 18.4032, 72.2216
YIQ	112.3840, -61.5340, 24.8820

# Conversions

## Conversions Part 2

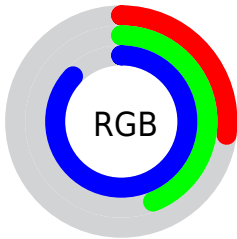
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 103, 223
Decimal	4551135
CIE <sub>Lab</sub>	49.98, 21.09, -60.66
CIE <sub>LCh</sub>	50, 64.222, 289.171
Yxy	18.4032, 0.1930, 0.1639
Android (android.graphics.Color)	4282741215 (0xFF4571DF)
YUV	112.3840, 54.5337, -38.0478
Hunter-Lab	42.8989, 15.1305, -69.7872

# Details

The Android color `4282741215` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4292850501`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286948607`, and `4278207143` is the 20% darker color. If you saturate the color by 10%, you get `4281295327`, and if you desaturate by 10%, it is `4284187103`.

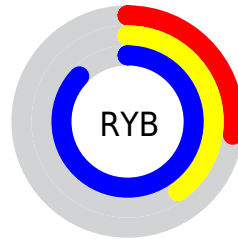
# Distribution



Red (27%)

Green (44%)

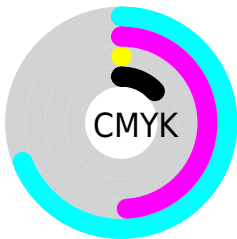
Blue (87%)



Red (27%)

Yellow (40%)

Blue (87%)

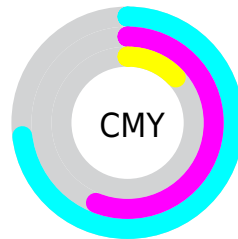


Cyan (69%)

Magenta (49%)

Yellow (0%)

Black (13%)



Cyan (73%)

Magenta (56%)
















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282741215 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 4282741215 by changing the saturation by 10% instead.



 4282741215	 4282741215
4294967295	 4279720387
 4286948607	 4278207143
 4288987135	 4278201740
 4290960383	 4278196850
 4292933631	 4278190169
	 4278191936
	 4278190889
	 4278190355
	 4278190080

■ 4282741215

■ 4282741215

■ 4281295327

■ 4284187103

■ 4279783903

■ 4285698527

■ 4278338015

■ 4287144415

■ 4278206687

■ 4288590303

■ 4290036191

■ 4291547615

■ 4292993247

■ 4294439135

■ 4294967263

# Harmonies

## Analogous

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



4278223843



4282741215



4288960447

# Triad

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



4282741215



4291056931



4278226529

# Complementary

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



4282741215



4292850501

# 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.



4280387880



4282741215



4288703744

# Square

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



4282741215



4292230487



4285431552



4278226841

# Rectangle

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



4282741215



4291052703



4285431552



4278226254



# Sweetspot

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



4282741215



4291418623



4282769329



4284508544



4278190080



4286611584



# Same Dimension

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



4282741215



4281035007



4284761567



4284835952



4278203056



4278193712



# Inverse Universe

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



4292822385



4294912872



4290830149



4285556072



4289724466



4281335822



# Previews

## White Background



This preview shows how the Android color 4282741215 looks on a white background.

## Color Contrast Check

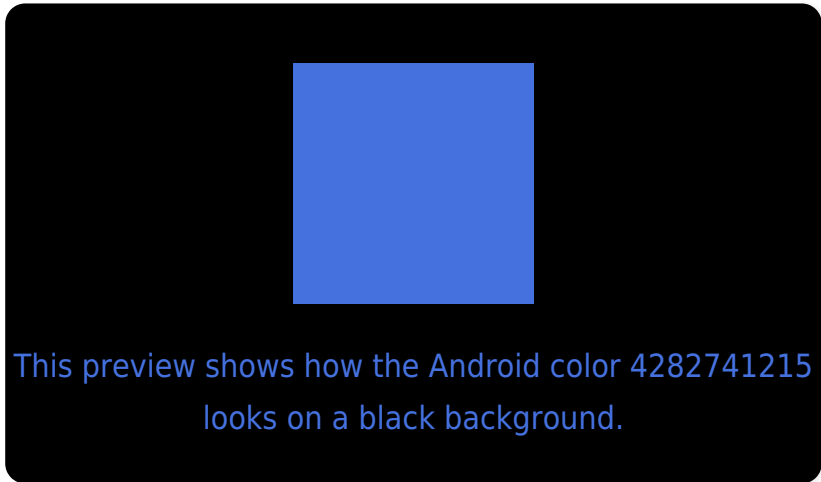
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282741215 Background



This preview shows how black text looks on a background with the Android color 4282741215.



This preview shows how white text looks on a background with the Android color 4282741215.

# 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**  
4282741215

**Protanomaly**  
4282217184

**Deuteranomaly**  
4279858904

**Tritanomaly**  
4279860395

# Monochromacy



**Original Color**  
4282741215

**Achromatopsia**  
4285558896

**Achromatomaly**  
4284510360

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282741215 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(69, 113, 223)` looks like.

```
.text, #text, p{  
    color:rgb(69, 113, 223)  
}
```

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(69, 113, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 113, 223) }
```

## Border

The CSS property to change the border of an element to Android 4282741215 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(69, 113, 223) }
```

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

```
.border{ border-color:rgb(69, 113, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 113, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 113, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 113, 223);  
box-shadow:4px 4px 4px 4px rgb(69, 113,  
223) }
```

# Background

The CSS property to change the background color of an element to Android 4282741215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 113, 223) }
```

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

```
.background{ background-color: rgb(69, 113,  
223) }
```

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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