

# Converting Colors

Android(4282664140)

Have a look what the booklet for  
Android(4282664140) contains.

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# Color

**Android(4282664140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4444CC
RGB	68, 68, 204
RGB Percent	27%, 27%, 80%
CMY	0.7333, 0.7333, 0.2000
CMYK	0.67, 0.67, 0.00, 0.20
HSL	240°, 57%, 53%
HSV	240°, 67%, 80%
XYZ	15.3501, 9.7228, 58.1944
YIQ	83.5040, -43.6560, 42.2960

# Conversions

## Conversions Part 2

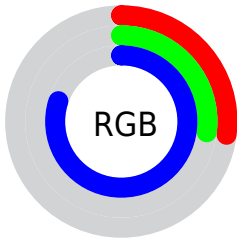
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 68, 204
Decimal	4474060
CIELab	37.34, 42.37, -70.34
CIElCh	37, 82.117, 301.064
Yxy	9.7228, 0.1843, 0.1168
Android (android.graphics.Color)	4282664140 (0xFF4444CC)
YUV	83.5040, 59.4045, -13.5970
Hunter-Lab	31.1814, 33.3051, -88.8268

# Details

The Android color `4282664140` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4291611716`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4286871039`, and `4278196373` is the 20% darker color. If you saturate the color by 10%, you get `4281348300`, and if you desaturate by 10%, it is `4283979980`.

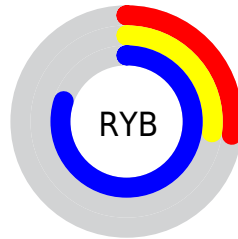
# Distribution



Red (27%)

Green (27%)

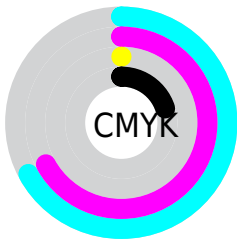
Blue (80%)



Red (27%)

Yellow (27%)

Blue (80%)

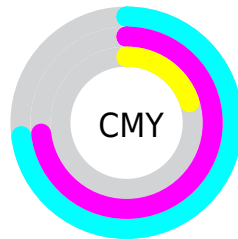


Cyan (67%)

Magenta (67%)

Yellow (0%)

Black (20%)



Cyan (73%)

Magenta (73%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282664140 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 4282664140 by changing the saturation by 10% instead.



 4282664140

 4282664140

4294967295

 4279774640

 4286871039

 4278196373

 4288843775

 4278191226

 4290816511

 4278190176

 4292789759

 4278192199

 4294828543

 4278191152

4294967039

 4278190362

 4278190080

 4282664140

 4282664140

■ 4281348300

■ 4283979980

■ 4279966668

■ 4285361612

■ 4278650828

■ 4286677452

■ 4278190284

■ 4288059084

■ 4289374924

■ 4290690764

■ 4292072396

■ 4293388236

■ 4294769868

# Harmonies

## Analogous

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



4278215392



4282664140



4288938137

# Triad

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



4282664140



4288427776



4278218841

# Complementary

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



4282664140



4291611716

# 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.



4278217992



4282664140



4285159168

# Square

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



4282664140



4290576408



4280182272



4278219164

# Rectangle

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



4282664140



4290642031



4280182272



4278218817



# Sweetspot

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



4282664140



4291611903



4282698956



4284572032



4278190080



4286611584



# Same Dimension

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



4282664140



4281545727



4287120588



4284243046



4278190246



4278190118



# Inverse Universe

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



4291577036



4294915071



4287155268



4284898406



4289069222

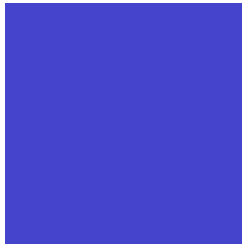


4280680486



# Previews

## White Background



This preview shows how the Android color 4282664140 looks on a white background.

## Color Contrast Check

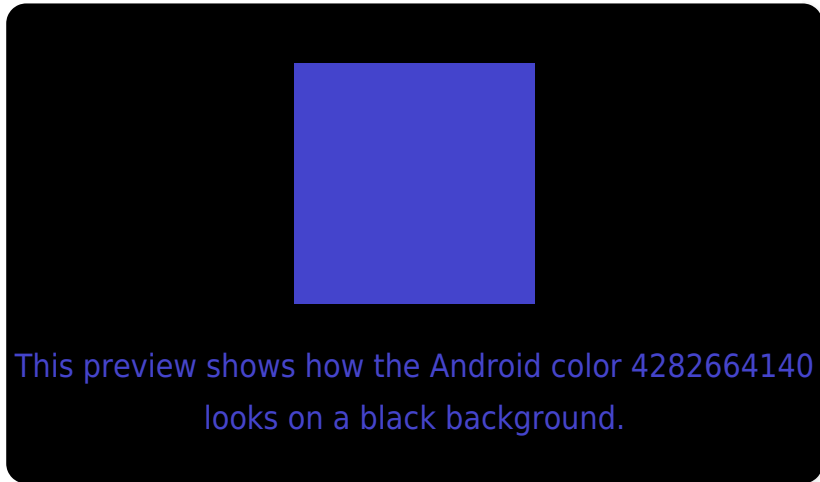
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

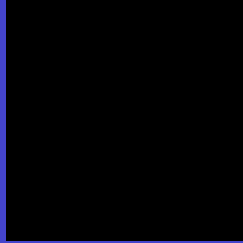
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282664140 Background



This preview shows how black text looks on a background with the Android color 4282664140.



This preview shows how white text looks on a background with the Android color 4282664140.

# 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**

4282664140

**Protanopia**

4278211762

**Deuteranopia**

4278213273



# Trichromacy



**Original Color**  
4282664140

**Protanomaly**  
4279848635

**Deuteranomaly**  
4279849644

**Tritanomaly**  
4279850636

# Monochromacy



**Original Color**  
4282664140

**Achromatopsia**  
4283716692

**Achromatomaly**  
4283321984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282664140 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(68, 68, 204)` looks like.

```
.text, #text, p{  
    color:rgb(68, 68, 204)  
}
```

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(68, 68, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 68, 204) }
```

## Border

The CSS property to change the border of an element to Android 4282664140 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(68, 68, 204) }
```

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

```
.border{ border-color:rgb(68, 68, 204) }
```

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

Here you see how a box with a 4 pixel rgb(68, 68, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 68, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 68, 204);  
box-shadow:4px 4px 4px 4px rgb(68, 68,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4282664140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 68, 204) }
```

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

```
.background{ background-color: rgb(68, 68,  
204) }
```

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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