

# Converting Colors

Android(4282940087)

Have a look what the booklet for  
Android(4282940087) contains.

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# Color

**Android(4282940087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	487AB7
RGB	72, 122, 183
RGB Percent	28%, 48%, 72%
CMY	0.7176, 0.5216, 0.2824
CMYK	0.61, 0.33, 0.00, 0.28
HSL	213°, 44%, 50%
HSV	213°, 61%, 72%
XYZ	18.1793, 18.7157, 47.4541
YIQ	114.0040, -49.3810, 8.3710

# Conversions

## Conversions Part 2

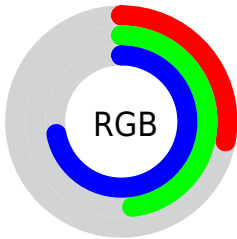
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 106, 183
Decimal	4750007
CIE Lab	50.35, 2.08, -37.23
CIE LCh	50, 37.292, 273.194
Yxy	18.7157, 0.2155, 0.2219
Android (android.graphics.Color)	4282940087 (0xFF487AB7)
YUV	114.0040, 34.0150, -36.8375
Hunter-Lab	43.2616, -0.6991, -34.7526

# Details

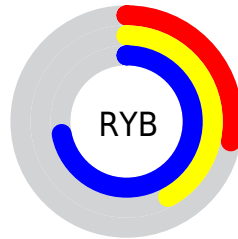
The Android color `4282940087` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290217288`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4286689007`, and `4278209154` is the 20% darker color. If you saturate the color by 10%, you get `4281757879`, and if you desaturate by 10%, it is `4284122295`.

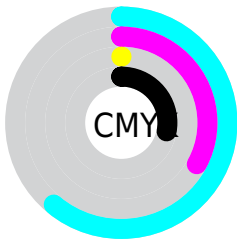
# Distribution



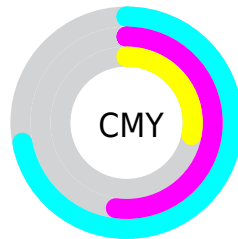
- Red (28%)
- Green (48%)
- Blue (72%)



- Red (28%)
- Yellow (42%)
- Blue (72%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (72%)
- Magenta (52%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282940087 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 4282940087 by changing the saturation by 10% instead.





4282940087



4282940087

4294967295



4280836508



4286689007



4278209154



4288596479



4278203496



4290438655



4278198096



4292345855



4278191417



4294311935



4278190626



4278190088



4278190080



4282940087



4282940087

■ 4281757879

■ 4284122295

■ 4280510135

■ 4285370039

■ 4279327927

■ 4286552247

■ 4278211255

■ 4287734455

■ 4288982199

■ 4290164407

■ 4291346615

■ 4292528823

■ 4293776823

# Harmonies

## Analogous

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



4278223792



4282940087



4286541485

# Triad

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



4282940087



4289880407



4282222170

# Complementary

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



4282940087



4290217288

# 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.



4284973121



4282940087



4288834623

# Square

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



4282940087



4289944950



4287133495



4278225018

# Rectangle

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



4282940087



4288177822



4287133495



4283270224



# Sweetspot

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



4282940087



4290959085



4282955651



4284311928



4294440951



4286085240



# Same Dimension

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



4282940087



4282420973



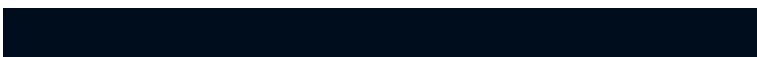
4283189431



4283651932



4278208156



4278193436



# Inverse Universe

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



4290201722



4293738638



4289967944



4284240727



4288413766

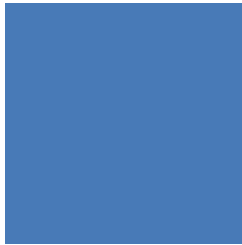


4280025101



# Previews

## White Background



This preview shows how the Android color 4282940087 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



This preview shows how the Android color 4282940087 looks on a 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 4282940087 Background



This preview shows how black text looks on a background with the Android color 4282940087.



This preview shows how white text looks on a background with the Android color 4282940087.

# 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**  
4282940087

**Protanopia**  
4284642739

**Deuteranopia**  
4283922360



# Trichromacy



**Original Color**  
4282940087

**Protanomaly**  
4284053428

**Deuteranomaly**  
4283594936

**Tritanomaly**  
4282154908

# Monochromacy



**Original Color**  
4282940087

**Achromatopsia**  
4285690482

**Achromatomaly**  
4284708235

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282940087 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(72, 122, 183)` looks like.

```
.text, #text, p{  
    color:rgb(72, 122, 183)  
}
```

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(72, 122, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 122, 183) }
```

## Border

The CSS property to change the border of an element to Android 4282940087 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(72, 122, 183) }
```

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

```
.border{ border-color:rgb(72, 122, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 122, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 122, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 122, 183);  
box-shadow:4px 4px 4px 4px rgb(72, 122,  
183) }
```

# Background

The CSS property to change the background color of an element to Android 4282940087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 122, 183) }
```

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

```
.background{ background-color: rgb(72, 122,  
183) }
```

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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