

# Converting Colors

Android(4283916428)

Have a look what the booklet for  
Android(4283916428) contains.

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# Color

**Android(4283916428)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57608C
RGB	87, 96, 140
RGB Percent	34%, 38%, 55%
CMY	0.6588, 0.6235, 0.4510
CMYK	0.38, 0.31, 0.00, 0.45
HSL	230°, 23%, 45%
HSV	230°, 38%, 55%
XYZ	12.8470, 12.2854, 26.5052
YIQ	98.3250, -19.4880, 11.7760

# Conversions

## Conversions Part 2

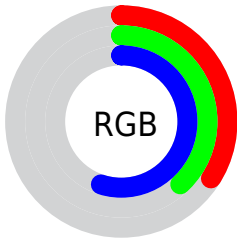
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 95, 140
Decimal	5726348
CIELab	41.67, 8.04, -25.45
CIElCh	42, 26.693, 287.528
Yxy	12.2854, 0.2488, 0.2379
Android (android.graphics.Color)	4283916428 (0xFF57608C)
YUV	98.3250, 20.5458, -9.9320
Hunter-Lab	35.0506, 4.0865, -20.2995

# Details

The Android color `4283916428` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287398743`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4287337154`, and `4280693338` is the 20% darker color. If you saturate the color by 10%, you get `4282995852`, and if you desaturate by 10%, it is `4284837004`.

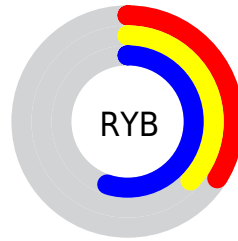
# Distribution



Red (34%)

Green (38%)

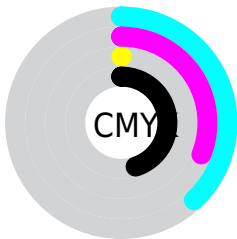
Blue (55%)



Red (34%)

Yellow (37%)

Blue (55%)

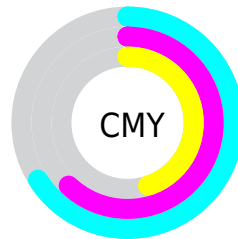


Cyan (38%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (66%)

Magenta (62%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283916428 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 4283916428 by changing the saturation by 10% instead.



■ 4283916428

■ 4283916428

4294967295

■ 4282271858

■ 4287337154

■ 4280693338

■ 4289113566

■ 4278918466

■ 4290889978

■ 4278190892

■ 4292732159

■ 4278190358

■ 4294639615

■ 4278190080

■ 4283916428

■ 4283916428

■ 4282995852

■ 4284837004

■ 4282075532

■ 4285757324

■ 4281154956

■ 4286677900

■ 4280234636

■ 4287598220

■ 4279314060

■ 4288518796

■ 4278393484

■ 4289439372

■ 4278196364

■ 4290359692

■ 4291280268

■ 4292200844

# Harmonies

## Analogous

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



4281362317



4283916428



4285880448

# Triad

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



4283916428



4287059523



4281232728

# Complementary

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



4283916428



4287398743

# 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.



4283132484



4283916428



4286144055

# Square

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



4283916428



4287451478



4284769592



4278349423

# Rectangle

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



4283916428



4286731380



4284769592



4281888081



# Sweetspot

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



4283916428



4288783797



4283927682



4283454044



4292598747



4284243036



# Same Dimension

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



4283916428



4284772789



4285028236



4282269509



4278196101



4278190341



# Inverse Universe

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



4287387488



4290077809



4286286935



4282727999



4286906391

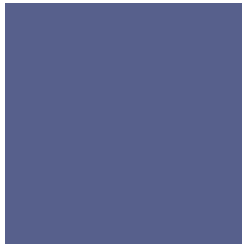


4278517761



# Previews

## White Background



This preview shows how the Android color 4283916428 looks on a white background.

## Color Contrast Check

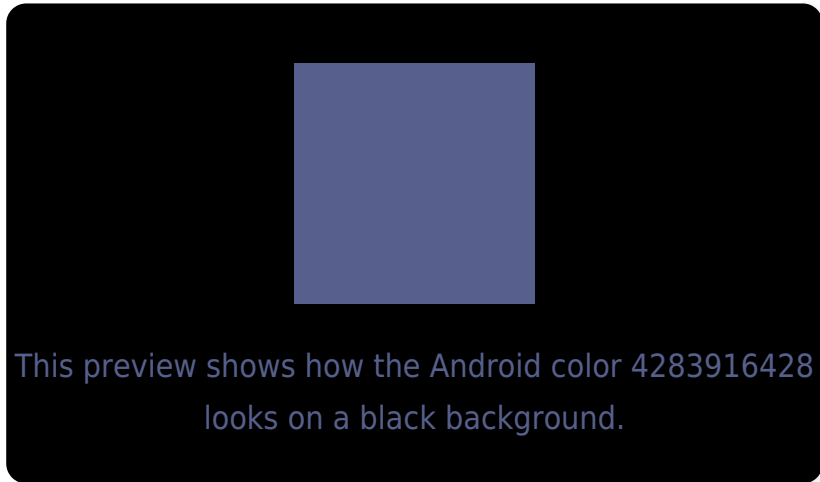
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

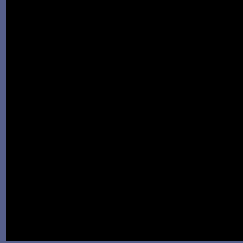
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

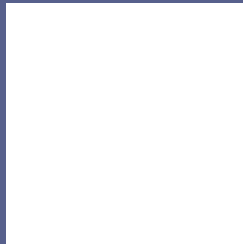
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283916428 Background



This preview shows how black text looks on a background with the Android color 4283916428.

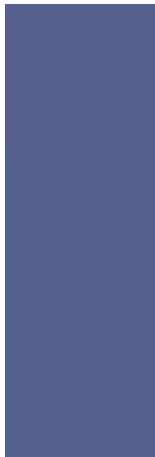


This preview shows how white text looks on a background with the Android color 4283916428.

# 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



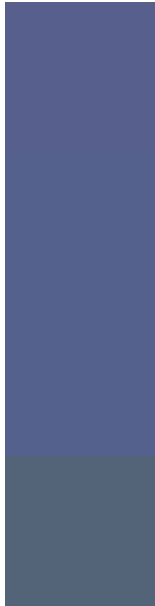
**Original Color**  
4283916428

**Protanopia**  
4283720077

**Deuteranopia**  
4283654540



# Trichromacy



**Original Color**

4283916428

**Protanomaly**

4283785613

**Deuteranomaly**

4283720076

**Tritanomaly**

4283655289

# Monochromacy



**Original Color**

4283916428

**Achromatopsia**

4284637794

**Achromatomaly**

4284375409

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283916428 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(87, 96, 140)` looks like.

```
.text, #text, p{  
    color:rgb(87, 96, 140)  
}
```

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(87, 96, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 96, 140) }
```

## Border

The CSS property to change the border of an element to Android 4283916428 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(87, 96, 140) }
```

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

```
.border{ border-color:rgb(87, 96, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 96, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 96, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 96, 140);  
box-shadow:4px 4px 4px 4px rgb(87, 96,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4283916428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 96, 140) }
```

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

```
.background{ background-color: rgb(87, 96,  
140) }
```

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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