

# Converting Colors

Android(4283725940)

Have a look what the booklet for  
Android(4283725940) contains.

<b>Android(4283725940)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4283725940)**

# Conversions

## Conversions Part 1

Format	Color
Hex	547874
RGB	84, 120, 116
RGB Percent	33%, 47%, 45%
CMY	0.6706, 0.5294, 0.5451
CMYK	0.30, 0.00, 0.03, 0.53
HSL	173°, 18%, 40%
HSV	173°, 30%, 47%
XYZ	13.5250, 16.5787, 19.0102
YIQ	108.7800, -20.1720, -8.8760

# Conversions

## Conversions Part 2

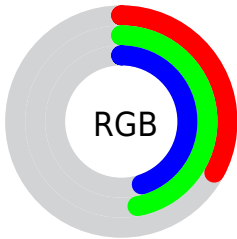
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 103, 120
Decimal	5535860
CIE <sub>Lab</sub>	47.72, -13.64, -1.91
CIE <sub>LCh</sub>	48, 13.771, 187.979
Yxy	16.5787, 0.2754, 0.3376
Android (android.graphics.Color)	4283725940 (0xFF547874)
YUV	108.7800, 3.5595, -21.7321
Hunter-Lab	40.7170, -11.9621, 0.8202

# Details

The Android color `4283725940` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286075992`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4287081640`, and `4280567620` is the 20% darker color. If you saturate the color by 10%, you get `4282939507`, and if you desaturate by 10%, it is `4284512373`.

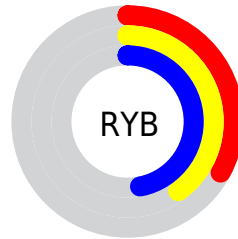
# Distribution



Red (33%)

Green (47%)

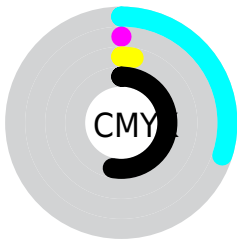
Blue (45%)



Red (33%)

Yellow (40%)

Blue (47%)

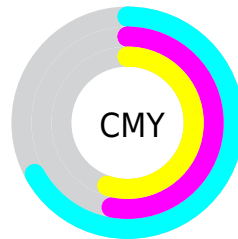


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283725940 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 4283725940 by changing the saturation by 10% instead.





4283725940



4283725940

4294967295



4282146651



4287081640



4280567620



4288792771



4278989102



4290634975



4278197273



4292476924



4278190080



4294311935



4283725940



4283725940



4282939507



4284512373



4282153073



4285298807

■ 4281366640

■ 4286085240

■ 4280580207

■ 4286871673

■ 4279793773

■ 4287658107

■ 4279007340

■ 4288444540

■ 4278220907

■ 4289230973

■ 4290017407

■ 4290803840

# Harmonies

## Analogous

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



4284315496



4283725940



4283594623

# Triad

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



4283725940



4286016900



4286738012

# Complementary

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



4283725940



4286075992

# 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.



4287130211



4283725940



4286802554

# Square

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



4283725940



4285034888



4287195502



4286017882

# Rectangle

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



4283725940



4283922052



4287195502



4286934110



# Sweetspot

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



4283725940



4287536282



4283988052



4282797902



4291809231



4283387727



# Same Dimension

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



4283725940



4284783765



4283722360



4281810237



4278222191



4278254816



# Inverse Universe

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



4286075992



4288439402



4286079572



4282201912



4286382094



4294705180



# Previews

## White Background



This preview shows how the Android color 4283725940 looks on a white background.

## Color Contrast Check

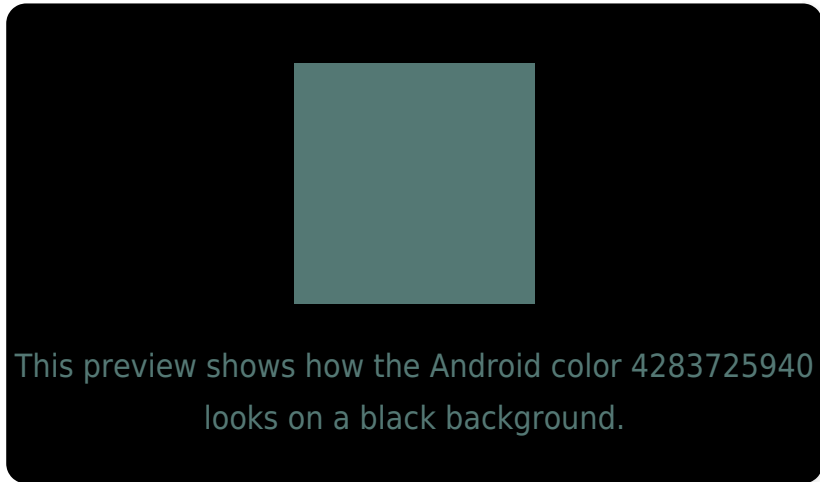
Large Text (above 18pt) WCAG AA ✓ Pass

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

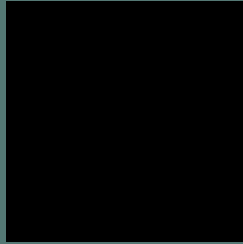
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283725940 Background



This preview shows how black text looks on a background with the Android color 4283725940.



This preview shows how white text looks on a background with the Android color 4283725940.

# 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**

4283725940

**Protanopia**

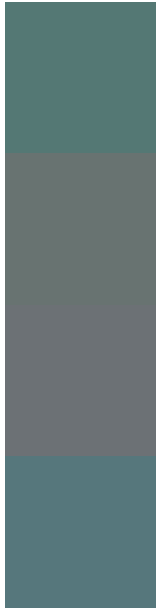
4285755504

**Deuteranopia**

4286147958



# Trichromacy



**Original Color**  
4283725940

**Protanomaly**  
4285035377

**Deuteranomaly**  
4285297013

**Tritanomaly**  
4283856764

# Monochromacy



**Original Color**  
4283725940

**Achromatopsia**  
4285361517

**Achromatomaly**  
4284772720

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283725940 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(84, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(84, 120, 116)  
}
```

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(84, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 120, 116) }
```

## Border

The CSS property to change the border of an element to Android 4283725940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

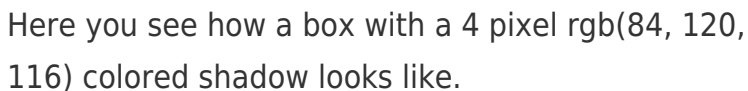
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 120, 116) }
```

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

```
.border{ border-color:rgb(84, 120, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(84, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(84, 120,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4283725940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 120, 116) }
```

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

```
.background{ background-color: rgb(84, 120,  
116) }
```

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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