

# Converting Colors

Android(4282015583)

Have a look what the booklet for  
Android(4282015583) contains.

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# Color

**Android(4282015583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A5F5F
RGB	58, 95, 95
RGB Percent	23%, 37%, 37%
CMY	0.7725, 0.6275, 0.6275
CMYK	0.39, 0.00, 0.00, 0.63
HSL	180°, 24%, 30%
HSV	180°, 39%, 37%
XYZ	7.9027, 9.9102, 12.3228
YIQ	83.9370, -22.0520, -7.8440

# Conversions

## Conversions Part 2

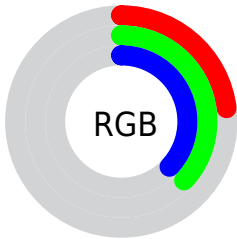
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 77, 95
Decimal	3825503
CIELab	37.68, -13.15, -4.19
CIELCh	38, 13.803, 197.665
Yxy	9.9102, 0.2622, 0.3289
Android (android.graphics.Color)	4282015583 (0xFF3A5F5F)
YUV	83.9370, 5.4541, -22.7467
Hunter-Lab	31.4804, -10.2810, -1.1724

# Details

The Android color **4282015583** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284430906**, and the grayscale version is **4283716692**.

A 20% lighter version of the original color is **4285239953**, and **4278792497** is the 20% darker color. If you saturate the color by 10%, you get **4281360223**, and if you desaturate by 10%, it is **4282670943**.

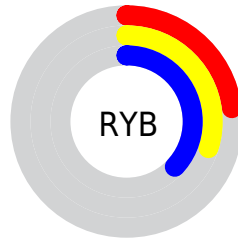
# Distribution



 Red (23%)

 Green (37%)

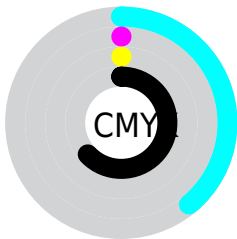
 Blue (37%)



 Red (23%)

 Yellow (30%)

 Blue (37%)

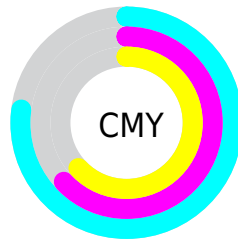


 Cyan (39%)

 Magenta (0%)

 Yellow (0%)

 Black (63%)



 Cyan (77%)

 Magenta (63%)

 Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282015583 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 4282015583 by changing the saturation by 10% instead.





4282015583



4282015583

4294967295



4280436551



4285239953



4278792497



4286950572



4278197276



4288727239



4278190080



4290503907



4292345855



4294246399



4282015583



4282015583



4281360223



4282670943

■ 4280770399

■ 4283260767

■ 4280115039

■ 4283850591

■ 4279525215

■ 4284505951

■ 4278935391

■ 4285161311

■ 4278280031

■ 4285751135

■ 4278214495

■ 4286340959

■ 4286996319

■ 4287651679

# Harmonies

## Analogous

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



4282539860



4282015583



4282080873

# Triad

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



4282015583



4284634216



4284831299

# Complementary

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



4282015583



4284430906

# 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.



4285354825



4282015583



4285288798

# Square

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



4282015583



4283717486



4285550930



4284111427

# Rectangle

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



4282015583



4282473581



4285550930



4285027652



# Sweetspot

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



4282015583



4285299322



4282015546



4281679165



4290624957



4282203453



# Same Dimension

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



4282015583



4282481274



4282010975



4281086000



4278218864



4278251760



# Inverse Universe

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



4284430943



4286202234



4284435770



4281347120



4285530224



4293918960



# Previews

## White Background



This preview shows how the Android color 4282015583 looks on a white background.

## Color Contrast Check

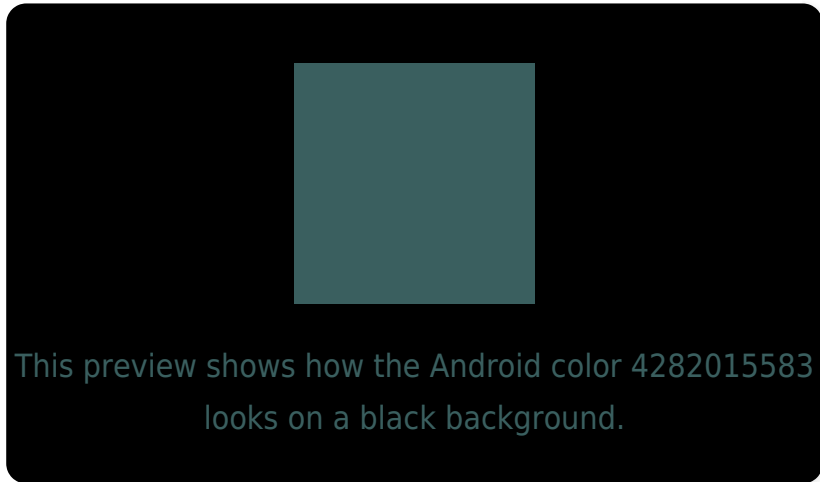
Large Text (above 18pt) WCAG AA ✓ Pass

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

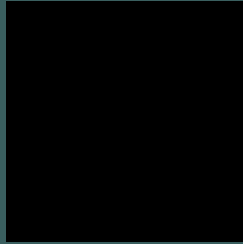
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282015583 Background



This preview shows how black text looks on a background with the Android color 4282015583.



This preview shows how white text looks on a background with the Android color 4282015583.

# 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**

4282015583

**Protanopia**

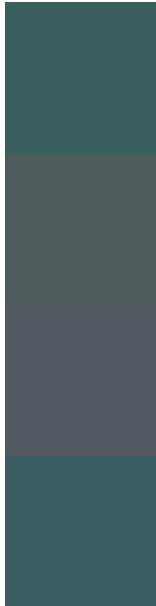
4284045403

**Deuteranopia**

4284307041



# Trichromacy



**Original Color**

4282015583

**Protanomaly**

4283325276

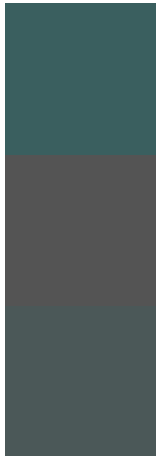
**Deuteranomaly**

4283455840

**Tritanomaly**

4282080867

# Monochromacy



**Original Color**

4282015583

**Achromatopsia**

4283716692

**Achromatomaly**

4283127896

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282015583 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(58, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(58, 95, 95)  
}
```

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(58, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 95, 95) }
```

## Border

The CSS property to change the border of an element to Android 4282015583 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(58, 95, 95) }
```

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

```
.border{ border-color:rgb(58, 95, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 95, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(58, 95, 95)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282015583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 95, 95) }
```

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

```
.background{ background-color: rgb(58, 95,  
95) }
```

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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