

# Converting Colors

Android(4281440687)

Have a look what the booklet for  
Android(4281440687) contains.

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# Color

**Android(4281440687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3199AF
RGB	49, 153, 175
RGB Percent	19%, 60%, 69%
CMY	0.8078, 0.4000, 0.3137
CMYK	0.72, 0.13, 0.00, 0.31
HSL	190°, 56%, 44%
HSV	190°, 72%, 69%
XYZ	20.3957, 26.5306, 44.6034
YIQ	124.4120, -69.0460, -15.2060

# Conversions

## Conversions Part 2

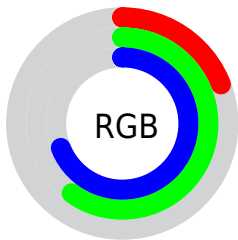
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 106, 175
Decimal	3250607
CIE <sub>Lab</sub>	58.54, -21.94, -20.02
CIE <sub>LCh</sub>	59, 29.702, 222.388
Yxy	26.5306, 0.2228, 0.2899
Android (android.graphics.Color)	4281440687 (0xFF3199AF)
YUV	124.4120, 24.9399, -66.1363
Hunter-Lab	51.5078, -19.4575, -15.2869

# Details

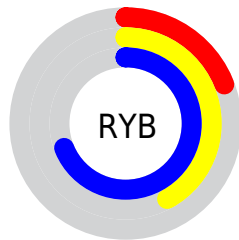
The Android color `4281440687` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289677105`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285649127`, and `4278216314` is the 20% darker color. If you saturate the color by 10%, you get `4280325807`, and if you desaturate by 10%, it is `4282621103`.

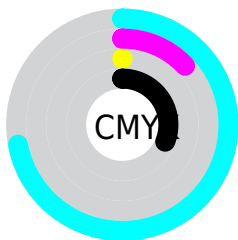
# Distribution



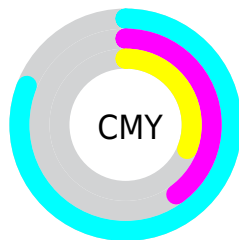
- Red (19%)
- Green (60%)
- Blue (69%)



- Red (19%)
- Yellow (42%)
- Blue (69%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281440687 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 4281440687 by changing the saturation by 10% instead.



 4281440687

 4281440687

4294967295

 4278222740

 4285649127

 4278216314

 4287556863

 4278209890

 4289462271

 4278203978

 4291428351


 4278198835

 4293394431

 4278190622

 4278190081

 4278190080

 4281440687

 4281440687

■ 4280325807

■ 4282621103

■ 4279145391

■ 4283735983

■ 4278227119

■ 4284916399

■ 4286031279

■ 4287211695

■ 4288326575

■ 4289441455

■ 4290621871

■ 4291802287

# Harmonies

## Analogous

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



4281965463



4281440687



4283471038

# Triad

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



4281440687



4290149277



4287926105

# Complementary

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



4281440687



4289677105

# 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.



4289496668



4281440687



4290804099

# Square

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



4281440687



4288578227



4290543211



4286027366

# Rectangle

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



4281440687



4285304768



4290543211



4288449624



# Sweetspot

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



4281440687



4289845987



4281446214



4283788915



4294111986



4285756275



# Same Dimension

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



4281440687



4280336867



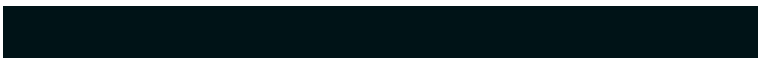
4281424815



4283323735



4278221974



4278194967



# Inverse Universe

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



4289671577



4293075137



4289692977



4283911765



4288020604



4279697427



# Previews

## White Background



This preview shows how the Android color 4281440687 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 4281440687 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

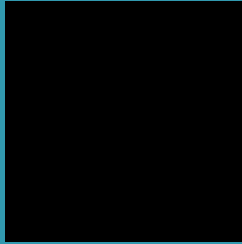
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4281440687 Background



This preview shows how black text looks on a background with the Android color 4281440687.

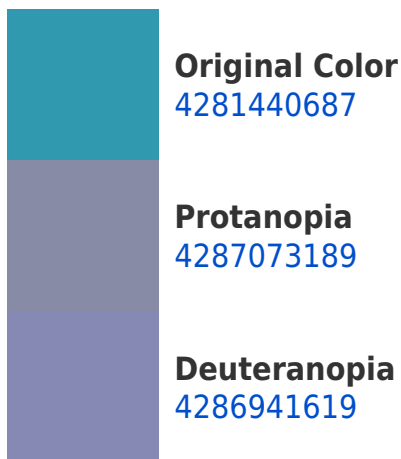


This preview shows how white text looks on a background with the Android color 4281440687.

# 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





# Trichromacy



**Original Color**  
4281440687



**Protanomaly**  
4285042857



**Deuteranomaly**  
4284911538



**Tritanomaly**  
4281178794

# Monochromacy



**Original Color**  
4281440687



**Achromatopsia**  
4286348412



**Achromatomaly**  
4284581775

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281440687 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(49, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(49, 153, 175)  
}
```

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(49, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 153, 175) }
```

## Border

The CSS property to change the border of an element to Android 4281440687 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(49, 153, 175) }
```

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

```
.border{ border-color:rgb(49, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(49, 153,  
175) }
```

# Background

The CSS property to change the background color of an element to Android 4281440687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 153, 175) }
```

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

```
.background{ background-color: rgb(49, 153,  
175) }
```

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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