

# Converting Colors

Android(4280584287)

Have a look what the booklet for  
Android(4280584287) contains.

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# Color

**Android(4280584287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24885F
RGB	36, 136, 95
RGB Percent	14%, 53%, 37%
CMY	0.8588, 0.4667, 0.6275
CMYK	0.74, 0.00, 0.30, 0.47
HSL	155°, 58%, 34%
HSV	155°, 74%, 53%
XYZ	11.5973, 18.8096, 13.8459
YIQ	101.4260, -46.4390, -33.9510

# Conversions

## Conversions Part 2

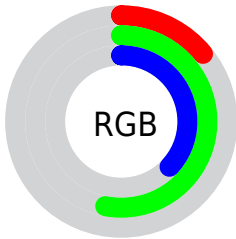
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 99, 136
Decimal	2394207
CIELab	50.46, -38.49, 14.02
CIELCh	50, 40.961, 159.985
Yxy	18.8096, 0.2621, 0.4250
Android (android.graphics.Color)	4280584287 (0xFF24885F)
YUV	101.4260, -3.1680, -57.3786
Hunter-Lab	43.3700, -28.1662, 11.4308

# Details

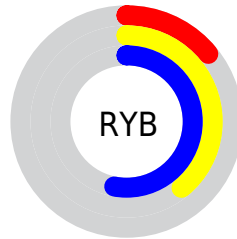
The Android color `4280584287` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287112269`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284530322`, and `4278211889` is the 20% darker color. If you saturate the color by 10%, you get `4279666777`, and if you desaturate by 10%, it is `4281501797`.

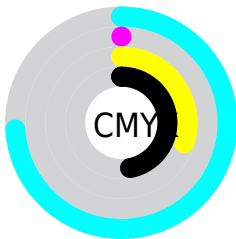
# Distribution



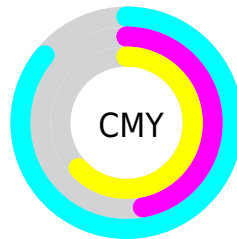
- Red (14%)
- Green (53%)
- Blue (37%)



- Red (14%)
- Yellow (39%)
- Blue (53%)



- Cyan (74%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280584287 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 4280584287 by changing the saturation by 10% instead.



 4280584287

 4280584287

4294967295

 4278218311

 4284530322

 4278211889

 4286372524


 4278205723

 4288214984

 4278200322

 4290052068

 4278190848

 4291952639

 4278190080

 4293853183

 4280584287

 4280584287

 4279666777

 4281501797

■ 4278814804

■ 4282353770

■ 4278224976

■ 4283271280

■ 4284123253

■ 4285040763

■ 4285958272

■ 4286810246

■ 4287727756

■ 4288579729

# Harmonies

## Analogous

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



4284187456



4280584287



4278225539

# Triad

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



4280584287



4283529405



4290011469

# Complementary

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



4280584287



4287112269

# 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.



4290337390



4280584287



4287261358

# Square

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



4280584287



4278223545



4289486481



4288704054

# Rectangle

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



4280584287



4278225306



4289486481



4290272855



# Sweetspot

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



4280584287



4287213728



4283336740



4282538320



4292467161



4284045657



# Same Dimension

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



4280584287



4279611504



4280582280



4282271042



4278224206



4278191363



# Inverse Universe

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



4287112269



4289729877



4287114276



4282728001



4286906422



4278517762



# Previews

## White Background



This preview shows how the Android color 4280584287 looks on a white background.

## Color Contrast Check

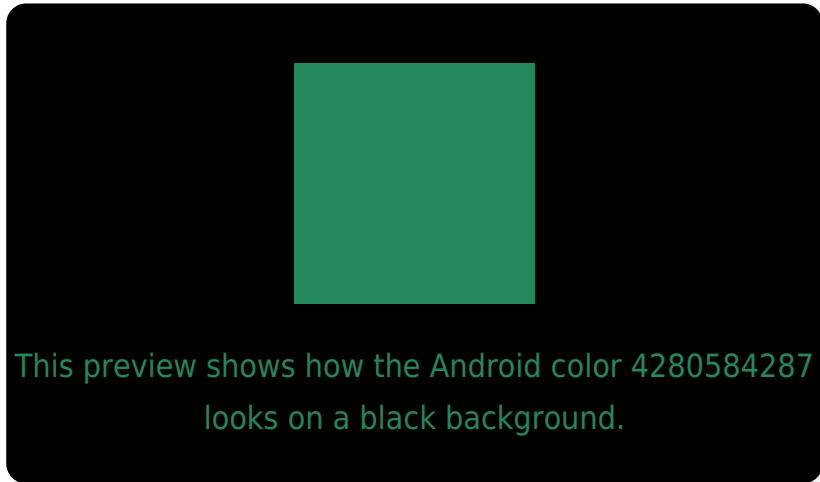
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4280584287 Background



This preview shows how black text looks on a background with the Android color 4280584287.



This preview shows how white text looks on a background with the Android color 4280584287.

# 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**  
4280584287

**Protanopia**  
4286609239

**Deuteranopia**  
4287263588



# Trichromacy



**Original Color**

4280584287



**Protanomaly**

4284448090



**Deuteranomaly**

4284840802



**Tritanomaly**

4281435260

# Monochromacy



**Original Color**

4280584287



**Achromatopsia**

4284835173



**Achromatomaly**

4283265635

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280584287 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(36, 136, 95)` looks like.

```
.text, #text, p{  
    color:rgb(36, 136, 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(36, 136, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 136, 95) }
```

## Border

The CSS property to change the border of an element to Android 4280584287 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(36, 136, 95) }
```

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

```
.border{ border-color:rgb(36, 136, 95) }
```

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

Here you see how a box with a 4 pixel rgb(36, 136, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 136, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 136, 95);  
box-shadow:4px 4px 4px 4px rgb(36, 136,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4280584287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 136, 95) }
```

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

```
.background{ background-color: rgb(36, 136,  
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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