

# Converting Colors

Android(4280788291)

Have a look what the booklet for  
Android(4280788291) contains.

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# Color

**Android(4280788291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27A543
RGB	39, 165, 67
RGB Percent	15%, 65%, 26%
CMY	0.8471, 0.3529, 0.7373
CMYK	0.76, 0.00, 0.59, 0.35
HSL	133°, 62%, 40%
HSV	133°, 76%, 65%
XYZ	15.3050, 27.7468, 9.8592
YIQ	116.1540, -43.6380, -57.1900

# Conversions

## Conversions Part 2

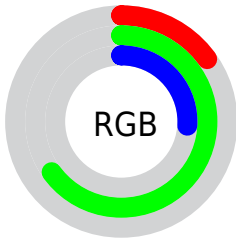
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 142, 165
Decimal	2598211
CIELab	59.66, -54.10, 40.64
CIElCh	60, 67.660, 143.087
Yxy	27.7468, 0.2893, 0.5244
Android (android.graphics.Color)	4280788291 (0xFF27A543)
YUV	116.1540, -24.2329, -67.6641
Hunter-Lab	52.6753, -40.3181, 25.7754

# Details

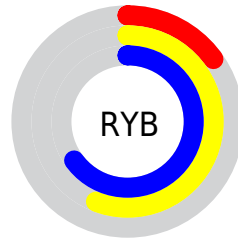
The Android color `4280788291` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289013641`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285128054`, and `4278218766` is the 20% darker color. If you saturate the color by 10%, you get `4279674166`, and if you desaturate by 10%, it is `4281836880`.

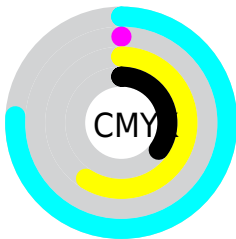
# Distribution



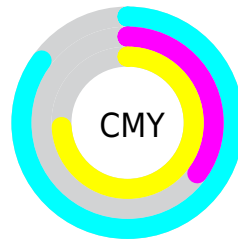
- Red (15%)
- Green (65%)
- Blue (26%)



- Red (15%)
- Yellow (56%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280788291 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 4280788291 by changing the saturation by 10% instead.



 4280788291

 4280788291

4294967295

 4278225450

 4285128054

 4278218766

 4287036049

 4278212096

 4288937900

 4278205696

 4290904007

 4278200064

 4292804580

 4278190080

 4294770687

 4280788291

 4280788291

 4279674166

 4281836880

■ 4278625577

■ 4282951005

■ 4278232357

■ 4283999594

■ 4285113718

■ 4286162307

■ 4287276432

■ 4288325021

■ 4289439146

■ 4290487734

# Harmonies

## Analogous

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



4286618113



4280788291



4278233727

# Triad

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



4280788291



4278230015



4294465381

# Complementary

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



4280788291



4289013641

# 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.



4294071200



4280788291



4285695742

# Square

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



4280788291



4278233070



4291455704



4293029679

# Rectangle

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



4280788291



4278234025



4291455704



4294595192



# Sweetspot

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



4280788291



4289058480



4287276327



4283263828



4293651435



4285229931



# Same Dimension

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



4280788291



4279359037



4280788353



4282995275



4278227232



4278194692



# Inverse Universe

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



4289013641



4292219306



4289013579



4283582800



4287692913



4279369742



# Previews

## White Background



This preview shows how the Android color 4280788291 looks on a white background.

## Color Contrast Check

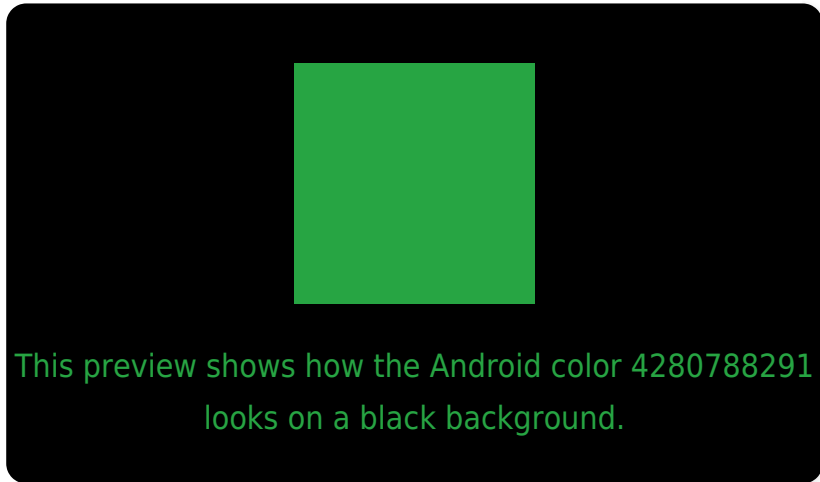
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280788291 Background



This preview shows how black text looks on a background with the Android color 4280788291.



This preview shows how white text looks on a background with the Android color 4280788291.

# 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**  
4280788291

**Protanopia**  
4288646972

**Deuteranopia**  
4289693771



# Trichromacy



**Original Color**  
4280788291



**Protanomaly**  
4285765439



**Deuteranomaly**  
4286485320



**Tritanomaly**  
4282228611

# Monochromacy



**Original Color**  
4280788291



**Achromatopsia**  
4285822068



**Achromatomaly**  
4283991650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280788291 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(39, 165, 67)` looks like.

```
.text, #text, p{  
    color:rgb(39, 165, 67)  
}
```

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(39, 165, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 165, 67) }
```

## Border

The CSS property to change the border of an element to Android 4280788291 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(39, 165, 67) }
```

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

```
.border{ border-color:rgb(39, 165, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 165, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 165, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 165, 67);  
box-shadow:4px 4px 4px 4px rgb(39, 165,  
67) }
```

# Background

The CSS property to change the background color of an element to Android 4280788291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 165, 67) }
```

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

```
.background{ background-color: rgb(39, 165,  
67) }
```

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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