

# Converting Colors

Android(4279990287)

Have a look what the booklet for  
Android(4279990287) contains.

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**Color**

**Android(4279990287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B780F
RGB	27, 120, 15
RGB Percent	11%, 47%, 6%
CMY	0.8941, 0.5294, 0.9412
CMYK	0.78, 0.00, 0.88, 0.53
HSL	113°, 78%, 26%
HSV	113°, 88%, 47%
XYZ	7.2547, 13.7004, 2.7140
YIQ	80.2230, -21.7230, -52.3710

# Conversions

## Conversions Part 2

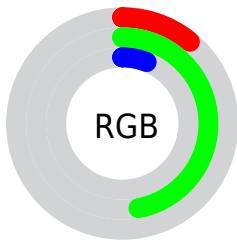
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 120, 108
Decimal	1800207
CIELab	43.80, -45.66, 44.68
CIELCh	44, 63.888, 135.624
Yxy	13.7004, 0.3065, 0.5788
Android (android.graphics.Color)	4279990287 (0xFF1B780F)
YUV	80.2230, -32.1549, -46.6766
Hunter-Lab	37.0141, -29.7891, 21.5625

# Details

The Android color `4279990287` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285271928`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284067141`, and `4278208000` is the 20% darker color. If you saturate the color by 10%, you get `4279269379`, and if you desaturate by 10%, it is `4280711195`.

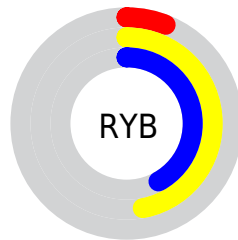
# Distribution



Red (11%)

Green (47%)

Blue (6%)



Red (6%)

Yellow (47%)

Blue (42%)

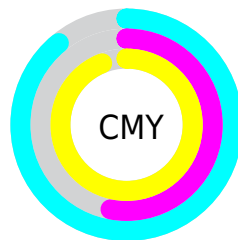


Cyan (78%)

Magenta (0%)

Yellow (88%)

Black (53%)



Cyan (89%)

Magenta (53%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279990287 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 4279990287 by changing the saturation by 10% instead.





4279990287



4279990287

4294967295



4278214400



4284067141



4278208000



4285909343



4278202112



4287751801



4278195712



4289593236



4278190080



4291493807



4293394379



4294967272



4279990287



4279990287

■ 4279269379

■ 4280711195

■ 4279138304

■ 4281366567

■ 4282087475

■ 4282808383

■ 4283463755

■ 4284184663

■ 4284840035

■ 4285560943

■ 4286281851

# Harmonies

## Analogous

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



4284771840



4279990287



4278222155

# Triad

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



4279990287



4278220239



4290979918

# Complementary

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



4279990287



4285271928

# 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.



4290260355



4279990287



4278216143

# Square

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



4279990287



4278222259



4287318963



4290003483

# Rectangle

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



4279990287



4278222704



4287318963



4290978912



# Sweetspot

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



4279990287



4286094451



4286082063



4281945911



4291809231



4283387727



# Same Dimension

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



4279990287



4279409664



4279203895



4281875767



4279139584



4280155136



# Inverse Universe

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



4285271928



4287234204



4286058320



4282201917



4285464701

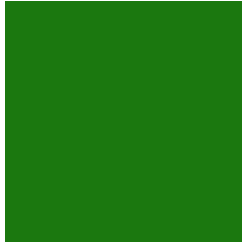


4292870396



# Previews

## White Background



This preview shows how the Android color 4279990287 looks on a white background.

## Color Contrast Check

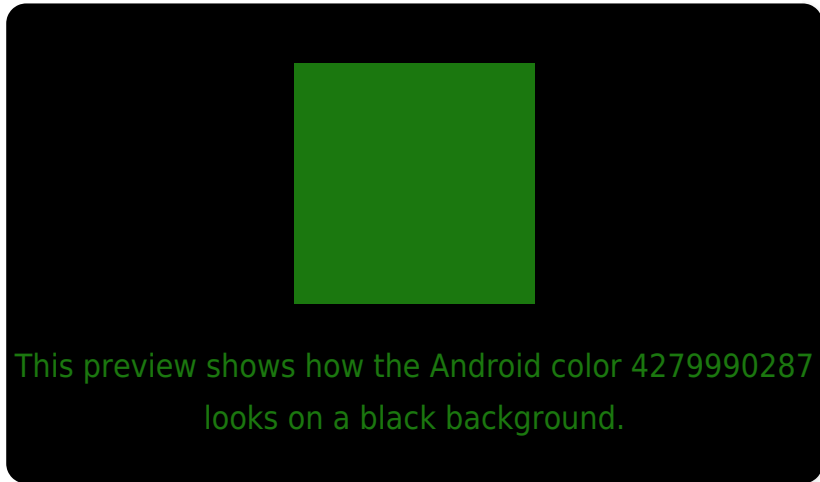
Large Text (above 18pt) WCAG AA ✓ Pass

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

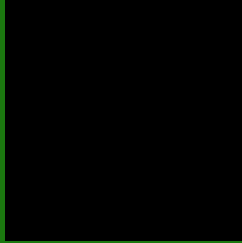
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279990287 Background



This preview shows how black text looks on a background with the Android color 4279990287.



This preview shows how white text looks on a background with the Android color 4279990287.

# 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**  
4279990287

**Protanopia**  
4285818633

**Deuteranopia**  
4286669341



# Trichromacy



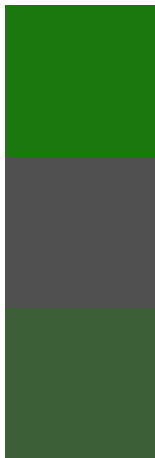
**Original Color**  
4279990287

**Protanomaly**  
4283723019

**Deuteranomaly**  
4284246552

**Tritanomaly**  
4281168722

# Monochromacy



**Original Color**  
4279990287

**Achromatopsia**  
4283453520

**Achromatomaly**  
4282212152

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279990287 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(27, 120, 15)` looks like.

```
.text, #text, p{  
    color:rgb(27, 120, 15)  
}
```

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(27, 120, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 120, 15) }
```

## Border

The CSS property to change the border of an element to Android 4279990287 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(27, 120, 15) }
```

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

```
.border{ border-color:rgb(27, 120, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 120, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 120, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 120, 15);  
box-shadow:4px 4px 4px 4px rgb(27, 120,  
15) }
```

# Background

The CSS property to change the background color of an element to Android 4279990287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 120, 15) }
```

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

```
.background{ background-color: rgb(27, 120,  
15) }
```

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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