

# Converting Colors

Android(4285181215)

Have a look what the booklet for  
Android(4285181215) contains.

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# **Color**

**Android(4285181215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAD1F
RGB	106, 173, 31
RGB Percent	42%, 68%, 12%
CMY	0.5843, 0.3216, 0.8784
CMYK	0.39, 0.00, 0.82, 0.32
HSL	88°, 70%, 40%
HSV	88°, 82%, 68%
XYZ	21.1348, 33.0502, 6.5617
YIQ	136.7790, 5.6500, -58.3660

# Conversions

## Conversions Part 2

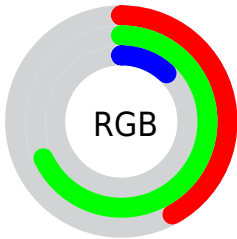
Format	Color
<a href="#">RYB</a>	<a href="#">31, 173, 98</a>
Decimal	<a href="#">6991135</a>
CIELab	<a href="#">64.20, -42.78, 59.87</a>
CIELCh	<a href="#">64, 73.581, 125.549</a>
Yxy	<a href="#">33.0502, 0.3479, 0.5441</a>
Android (android.graphics.Color)	<a href="#">4285181215 (0xFF6AAD1F)</a>
YUV	<a href="#">136.7790, -52.1490, -26.9932</a>
Hunter-Lab	<a href="#">57.4893, -34.9846, 33.4753</a>

# Details

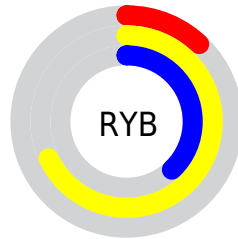
The Android color `4285181215` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4284620717`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4288865625`, and `4281432064` is the 20% darker color. If you saturate the color by 10%, you get `4284656910`, and if you desaturate by 10%, it is `4285705520`.

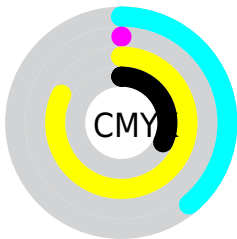
# Distribution



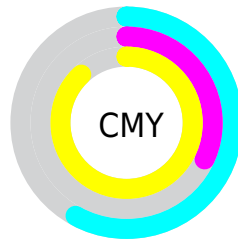
- Red (42%)
- Green (68%)
- Blue (12%)



- Red (12%)
- Yellow (68%)
- Blue (38%)



- Cyan (39%)
- Magenta (0%)
- Yellow (82%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285181215 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 4285181215 by changing the saturation by 10% instead.





4285181215



4285181215

4294967295



4283339264



4288865625



4281432064



4290772853



4279131904



4292673424



4278208000



4294639532



4278202112



4294967240



4278195968



4294967269



4278190080



4285181215



4285181215



4284656910



4285705520

■ 4284198144

■ 4286229826

■ 4286754131

■ 4287343972

■ 4287868278

■ 4288392583

■ 4288916888

■ 4289441193

■ 4289965499

# Harmonies

## Analogous

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



4289699072



4285181215



4278236770

# Triad

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



4285181215



4278235647



4294923666

# Complementary

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



4285181215



4284620717

# 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.



4294141395



4285181215



4278231295

# Square

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



4285181215



4278237415



4289430783



4294927955

# Rectangle

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



4285181215



4278237583



4289430783



4294924200



# Sweetspot

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



4285181215



4291223720



4289552671



4284510287



4293980400



4285558896



# Same Dimension

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



4285181215



4286177284



4280593695



4283651918



4283405824



4278982400



# Inverse Universe

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



4284620717



4285269216



4289208237



4283584087



4282843286



4278910999



# Previews

## White Background



This preview shows how the Android color 4285181215 looks on a white background.

## Color Contrast Check

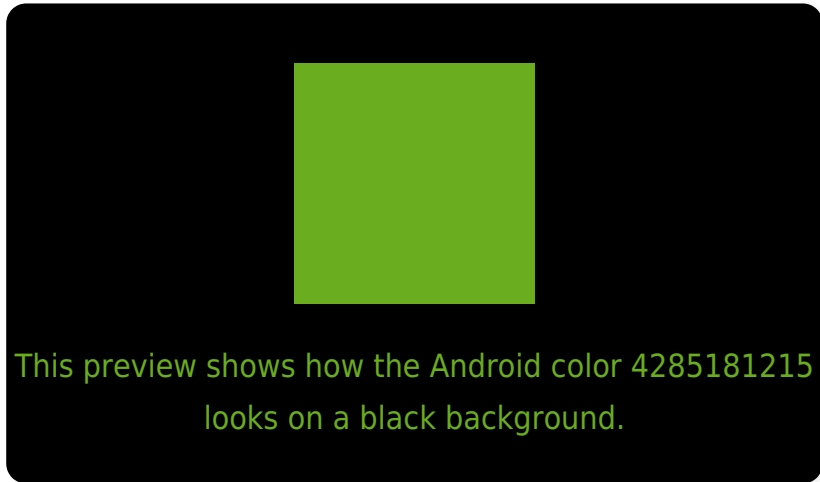
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4285181215 Background



This preview shows how black text looks on a background with the Android color 4285181215.



This preview shows how white text looks on a background with the Android color 4285181215.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285181215 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(106, 173, 31)` looks like.

```
.text, #text, p{  
    color:rgb(106, 173, 31)  
}
```

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(106, 173, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 173, 31) }
```

## Border

The CSS property to change the border of an element to Android 4285181215 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(106, 173, 31) }
```

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

```
.border{ border-color:rgb(106, 173, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 173, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 173, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 173, 31);  
box-shadow:4px 4px 4px 4px rgb(106, 173,  
31) }
```

# Background

The CSS property to change the background color of an element to Android 4285181215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 173, 31) }
```

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

```
.background{ background-color: rgb(106,  
173, 31) }
```

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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