

# Converting Colors

Android(4285702400)

Have a look what the booklet for  
Android(4285702400) contains.

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# Color

**Android(4285702400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72A100
RGB	114, 161, 0
RGB Percent	45%, 63%, 0%
CMY	0.5529, 0.3686, 1.0000
CMYK	0.29, 0.00, 1.00, 0.37
HSL	78°, 100%, 32%
HSV	78°, 100%, 63%
XYZ	19.6843, 29.0671, 4.5730
YIQ	128.5930, 23.6690, -60.0350

# Conversions

## Conversions Part 2

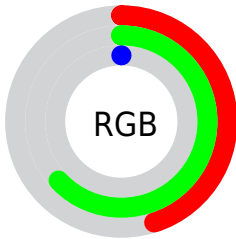
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 161, 47
Decimal	7512320
CIELab	60.84, -35.39, 62.96
CIELCh	61, 72.227, 119.338
Yxy	29.0671, 0.3691, 0.5451
Android (android.graphics.Color)	4285702400 (0xFF72A100)
YUV	128.5930, -63.3963, -12.7981
Hunter-Lab	53.9140, -29.1780, 32.7107

# Details

The Android color `4285702400` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4281270433`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4289386569`, and `4282084608` is the 20% darker color. If you saturate the color by 10%, you get `4285702400`, and if you desaturate by 10%, it is `4286030096`.

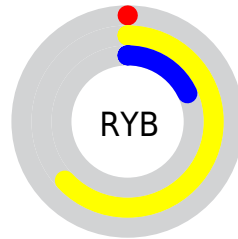
# Distribution



Red (45%)

Green (63%)

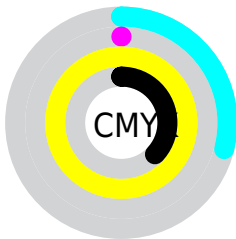
Blue (0%)



Red (0%)

Yellow (63%)

Blue (18%)

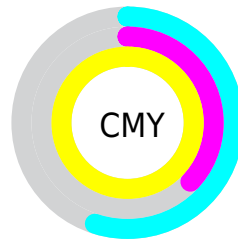


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285702400 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 4285702400 by changing the saturation by 10% instead.





4285702400



4285702400

4294967295



4283860736



4289386569



4282084608



4291294565



4280112128



4293197696



4278205696



4294967196



4278200064



4294967224



4278191616



4294967253



4278190080



4294967282



4285702400

 4286030096

 4286292256

 4286619952

 4286947648

 4287275345

 4287537505

 4287865201

 4288192897

 4288455057

# Harmonies

## Analogous

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



4289826560



4285702400



4278233933

# Triad

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



4285702400



4278233599



4294921623

# Complementary

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



4285702400



4281270433

# 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.



4292699093



4285702400



4278230015

# Square

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



4285702400



4278235088



4287398655



4294924632

# Rectangle

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



4285702400



4278234745



4287398655



4294529708



# Sweetspot

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



4285702400



4290761106



4288753152



4284377411



4293454056



4285098345



# Same Dimension

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



4285702400



4287942912



4280525056



4283388489



4284977408



4279046656



# Inverse Universe

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



4281270433



4282187985



4286447777



4283189586



4280942737



4278517778



# Previews

## White Background



This preview shows how the Android color 4285702400 looks on a white background.

## Color Contrast Check

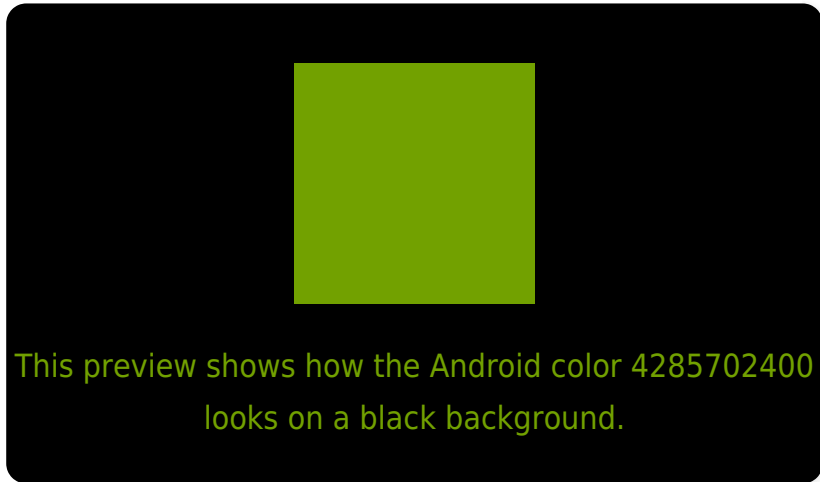
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285702400 Background



This preview shows how black text looks on a background with the Android color 4285702400.



This preview shows how white text looks on a background with the Android color 4285702400.

# 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**  
4285702400

**Protanopia**  
4289041152

**Deuteranopia**  
4290284318



# Trichromacy



**Original Color**  
4285702400

**Protanomaly**  
4287797248

**Deuteranomaly**  
4288647955

**Tritanomaly**  
4286356071

# Monochromacy



**Original Color**  
4285702400

**Achromatopsia**  
4286677377

**Achromatomaly**  
4286352722

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285702400 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(114, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 161, 0)  
}
```

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(114, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 161, 0) }
```

## Border

The CSS property to change the border of an element to Android 4285702400 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(114, 161, 0) }
```

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

```
.border{ border-color:rgb(114, 161, 0) }
```

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

Here you see how a box with a 4 pixel rgb(114, 161, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 161,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4285702400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 161, 0) }
```

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

```
.background{ background-color: rgb(114,  
161, 0) }
```

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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