

# Converting Colors

Android(4285576704)

Have a look what the booklet for  
Android(4285576704) contains.

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# **Color**

**Android(4285576704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70B600
RGB	112, 182, 0
RGB Percent	44%, 71%, 0%
CMY	0.5608, 0.2863, 1.0000
CMYK	0.38, 0.00, 1.00, 0.29
HSL	83°, 100%, 36%
HSV	83°, 100%, 71%
XYZ	23.4100, 36.9006, 5.8887
YIQ	140.3220, 16.7020, -71.4420

# Conversions

## Conversions Part 2

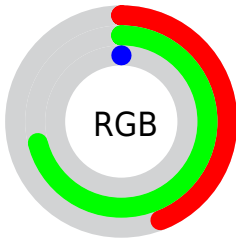
Format	Color
<a href="#">RYB</a>	<a href="#">0, 182, 70</a>
Decimal	<a href="#">7386624</a>
CIELab	<a href="#">67.20, -45.21, 67.82</a>
CIELCh	<a href="#">67, 81.508, 123.690</a>
Yxy	<a href="#">36.9006, 0.3536, 0.5574</a>
Android (android.graphics.Color)	<a href="#">4285576704 (0xFF70B600)</a>
YUV	<a href="#">140.3220, -69.1787, -24.8384</a>
Hunter-Lab	<a href="#">60.7459, -37.5156, 36.7746</a>

# Details

The Android color **4285576704** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4282777782**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4289392206**, and **4281696256** is the 20% darker color. If you saturate the color by 10%, you get **4285576704**, and if you desaturate by 10%, it is **4286035474**.

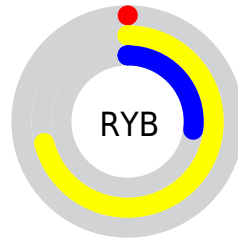
# Distribution



Red (44%)

Green (71%)

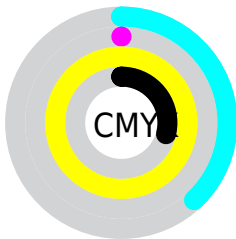
Blue (0%)



Red (0%)

Yellow (71%)

Blue (27%)

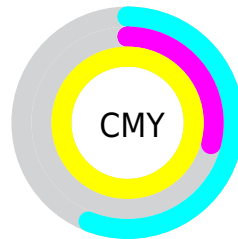


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (56%)

Magenta (29%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285576704 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 4285576704 by changing the saturation by 10% instead.



 4285576704


 4285576704

4294967295

 4283669248

 4289392206

 4281696256

 4291297130

 4279330560

 4293197702

 4278210048

 4294967202

 4278203904

 4294967231

 4278198528

 4294967260

 4278190080

 4294967290

 4285576704

 4286035474

 4286494244

 4286953015

 4287411785

 4287870555

 4288329325

 4288788095

 4289246866

 4289705636

# Harmonies

## Analogous

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



4290552576



4285576704



4278239326

# Triad

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



4285576704



4278238463



4294922398

# Complementary

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



4285576704



428277782

# 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.



4294928102



4285576704



4278233855

# Square

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



4285576704



4278240500



4289563903



4294927446

# Rectangle

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



4285576704



4278240145



4289563903



4294923190



# Sweetspot

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



4285576704



4292013478



4290135552



4284971085



4294440951



4286085240



# Same Dimension

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



4285576704



4287819008



4279612928



4283980883



4284521472



4279311360



# Inverse Universe

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



4282777782



4284154093



4288741558



4283847516



4282122396



4278911004



# Previews

## White Background



This preview shows how the Android color 4285576704 looks on a white background.

## Color Contrast Check

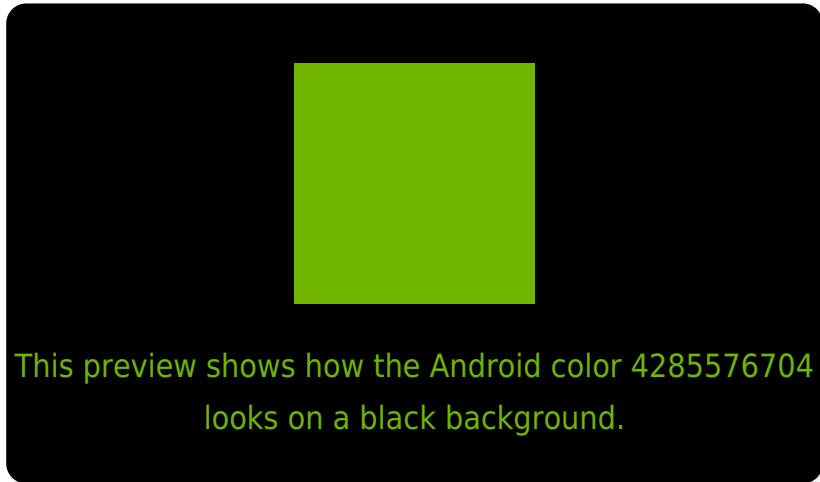
Large Text (above 18pt) WCAG AA × Fail

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 4285576704 Background



This preview shows how black text looks on a background with the Android color 4285576704.



This preview shows how white text looks on a background with the Android color 4285576704.

# 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



**Original Color**  
4285576704

**Protanomaly**  
4288588288

**Deuteranomaly**  
4289438743

**Tritanomaly**  
4286426740

# Monochromacy



**Original Color**  
4285576704

**Achromatopsia**  
4287401100

**Achromatomaly**  
4286749529

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285576704 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(112, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 182, 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(112, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 182, 0) }
```

## Border

The CSS property to change the border of an element to Android 4285576704 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(112, 182, 0) }
```

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

```
.border{ border-color:rgb(112, 182, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 182, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 182,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4285576704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 182, 0) }
```

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

```
.background{ background-color: rgb(112,  
182, 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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