

Converting Colors

Android(4285706752)

Have a look what the booklet for
Android(4285706752) contains.

Android(4285706752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285706752)

Conversions

Conversions Part 1

Format	Color
Hex	72B200
RGB	114, 178, 0
RGB Percent	45%, 70%, 0%
CMY	0.5529, 0.3020, 1.0000
CMYK	0.36, 0.00, 1.00, 0.30
HSL	82°, 100%, 35%
HSV	82°, 100%, 70%
XYZ	22.8598, 35.4182, 5.6316
YIQ	138.5720, 18.9940, -68.9260

Conversions

Conversions Part 2

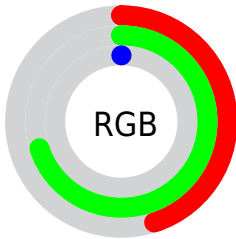
Format	Color
RYB	0, 178, 64
Decimal	7516672
CIELab	66.07, -42.82, 66.99
CIELCh	66, 79.504, 122.587
Yxy	35.4182, 0.3577, 0.5542
Android (android.graphics.Color)	4285706752 (0xFF72B200)
YUV	138.5720, -68.3160, -21.5496
Hunter-Lab	59.5132, -35.5838, 36.0488

Details

The Android color `4285706752` is a dark color, and the websafe version is hex `99CC33`. A complement of this color would be `4282384562`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4289456717`, and `4281892096` is the 20% darker color. If you saturate the color by 10%, you get `4285706752`, and if you desaturate by 10%, it is `4286099986`.

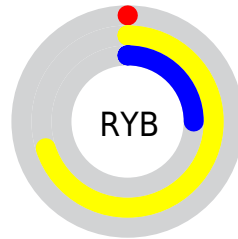
Distribution



Red (45%)

Green (70%)

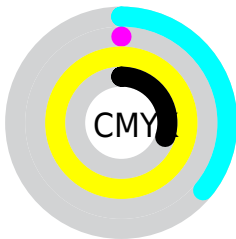
Blue (0%)



Red (0%)

Yellow (70%)

Blue (25%)

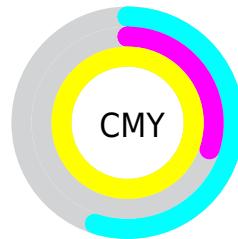


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285706752 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 4285706752 by changing the saturation by 10% instead.



4285706752



4285706752

4294967295



4283864832



4289456717



4281892096



4291362665



4279722752



4293328773



4278209280



4294967201



4278203136



4294967230



4278197504



4294967259



4278190080



4294967288



4285706752

 4286099986

 4286558756

 4286951989

 4287410759

 4287803993

 4288197227

 4288655997

 4289049230

 4289508000

Harmonies

Analogous

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



4290486272



4285706752



4278238299

Triad

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



4285706752



4278237695



4294922398

Complementary

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



4285706752



4282384562

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.



4294600420



4285706752



4278233343

Square

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



4285706752



4278239468



4289039103



4294926936

Rectangle

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



4285706752



4278239372



4289039103



4294923445

Sweetspot

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



4285706752



4291815586



4289871360



4284904779



4294309365



4285887861

Same Dimension

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



4285706752



4288014336



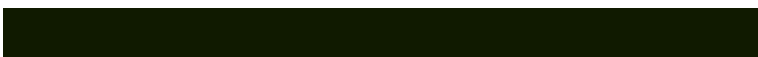
4280005120



4283849040



4284651776



4279245312

Inverse Universe

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



4282384562



4283629800



4288086194



4283715673



4281794713



4278779930

Previews

White Background



This preview shows how the Android color 4285706752 looks on a white background.

Color Contrast Check

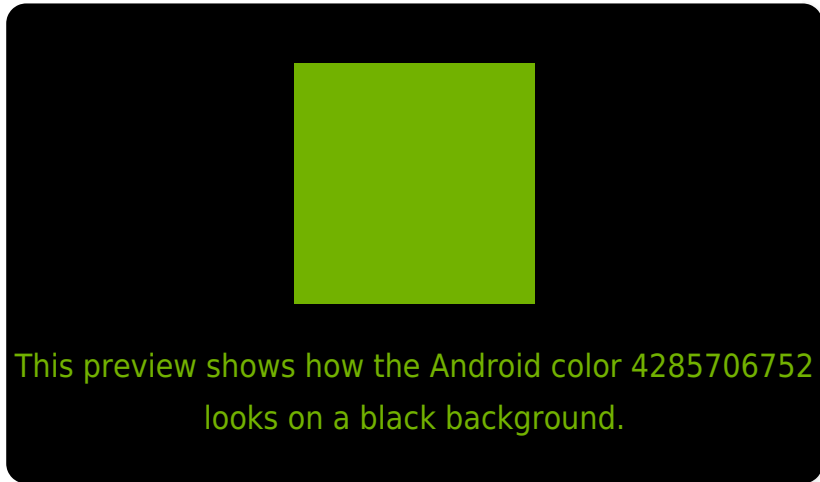
Large Text (above 18pt) WCAG AA × Fail

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 4285706752 Background



This preview shows how black text looks on a background with the Android color 4285706752.



This preview shows how white text looks on a background with the Android color 4285706752.

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
4285706752

Protanomaly
4288456448

Deuteranomaly
4289306902

Tritanomaly
4286491250

Monochromacy



Original Color
4285706752

Achromatopsia
4287335307

Achromatomaly
4286749016

CSS Examples

Text

The CSS property to change the color of the text to Android 4285706752 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, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(114, 178, 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, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 178, 0) }
```

Border

The CSS property to change the border of an element to Android 4285706752 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, 178, 0) }
```

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

```
.border{ border-color:rgb(114, 178, 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, 178, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(114, 178,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4285706752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 178, 0) }
```

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

```
.background{ background-color: rgb(114,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor