

Converting Colors

Android(4286568448)

Have a look what the booklet for
Android(4286568448) contains.

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Color

Android(4286568448)

Conversions

Conversions Part 1

Format	Color
Hex	7FD800
RGB	127, 216, 0
RGB Percent	50%, 85%, 0%
CMY	0.5020, 0.1529, 1.0000
CMYK	0.41, 0.00, 1.00, 0.15
HSL	85°, 100%, 42%
HSV	85°, 100%, 85%
XYZ	33.3083, 53.6238, 8.5949
YIQ	164.7650, 16.2920, -86.0440

Conversions

Conversions Part 2

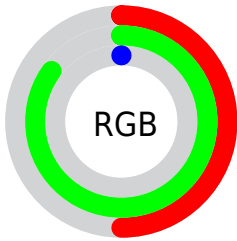
Format	Color
RYB	0, 216, 89
Decimal	8378368
CIELab	78.24, -53.70, 76.69
CIELCh	78, 93.625, 125.001
Yxy	53.6238, 0.3487, 0.5613
Android (android.graphics.Color)	4286568448 (0xFF7FD800)
YUV	164.7650, -81.2291, -33.1199
Hunter-Lab	73.2282, -46.9577, 44.3008

Details

The Android color `4286568448` is a dark color, and the websafe version is hex `66CC00`. The color can be described as dark washed chartreuse. A complement of this color would be `4284023000`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4290510677`, and `4282490880` is the 20% darker color. If you saturate the color by 10%, you get `4286568448`, and if you desaturate by 10%, it is `4287158294`.

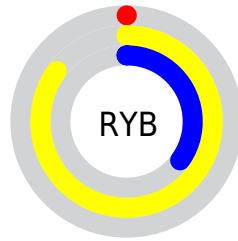
Distribution



Red (50%)

Green (85%)

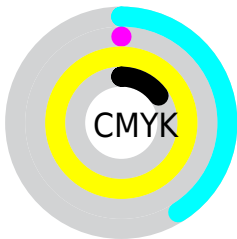
Blue (0%)



Red (0%)

Yellow (85%)

Blue (35%)

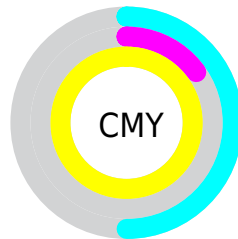


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (50%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286568448 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 4286568448 by changing the saturation by 10% instead.

 4286568448

 4286568448

4294967295

 4284595200

 4290510677

 4282490880

 4292476787

 4279928320

 4294442896

 4278217728

 4294967213

 4278211072

 4294967242

 4278204928

 4294967272

 4278199040

 4278190080

 4286568448

 4287158294

 4287748139

 4288337985

 4288927830

 4289517676

 4290041986

 4290631831

 4291221677

 4291811522

Harmonies

Analogous

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



4292592384



4286568448



4278248307

Triad

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



4286568448



4278247167



4294925751

Complementary

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



4286568448



4284023000

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.



4294932223



4286568448



4278241535

Square

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



4286568448



4278249471



4291994623



4294932323

Rectangle

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



4286568448



4278249392



4291994623



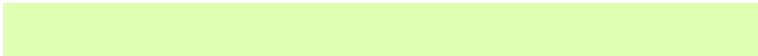
4294926548

Sweetspot

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



4286568448



4292870067



4292367872



4285366354



4278190080



4286611584

Same Dimension

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



4286568448



4288085760



4279687168



4284967776



4284787456



4279839488

Inverse Universe

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



4284023000



4285071615



4290904280



4284833899



4282777771



4279369771

Previews

White Background



This preview shows how the Android color 4286568448 looks on a white background.

Color Contrast Check

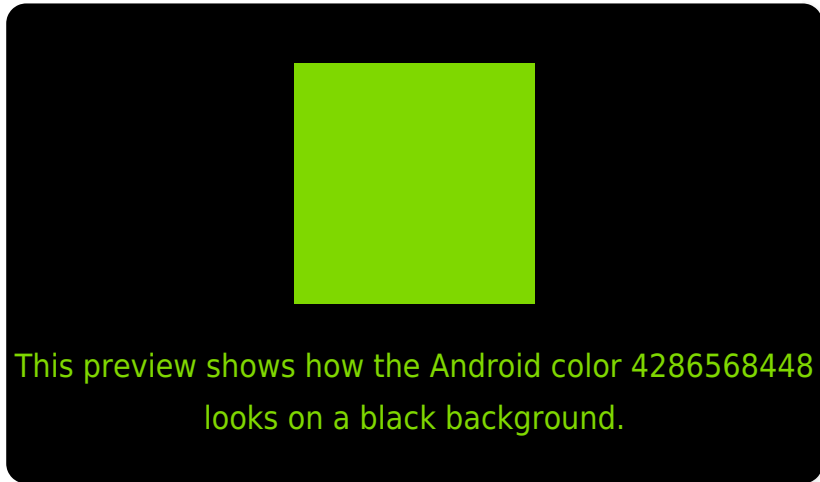
Large Text (above 18pt) WCAG AA × Fail

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 4286568448 Background



This preview shows how black text looks on a background with the Android color 4286568448.



This preview shows how white text looks on a background with the Android color 4286568448.

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

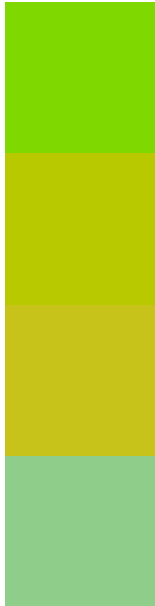


Original Color
4286568448

Protanopia
4292460800

Deuteranopia
4294096683

Trichromacy



Original Color
4286568448

Protanomaly
4290300160

Deuteranomaly
4291347227

Tritanomaly
4287614602

Monochromacy



Original Color
4286568448

Achromatopsia
4289045925

Achromatomaly
4288133225

CSS Examples

Text

The CSS property to change the color of the text to Android 4286568448 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(127, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 216, 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(127, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 216, 0) }
```

Border

The CSS property to change the border of an element to Android 4286568448 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(127, 216, 0) }
```

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

```
.border{ border-color:rgb(127, 216, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 216, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 216,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4286568448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 216, 0) }
```

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

```
.background{ background-color: rgb(127,  
216, 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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