

Converting Colors

Android(4281580800)

Have a look what the booklet for
Android(4281580800) contains.

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Color

Android(4281580800)

Conversions

Conversions Part 1

Format	Color
Hex	33BD00
RGB	51, 189, 0
RGB Percent	20%, 74%, 0%
CMY	0.8000, 0.2588, 1.0000
CMYK	0.73, 0.00, 1.00, 0.26
HSL	104°, 100%, 37%
HSV	104°, 100%, 74%
XYZ	19.5628, 37.0990, 6.1298
YIQ	126.1920, -21.5790, -88.0350

Conversions

Conversions Part 2

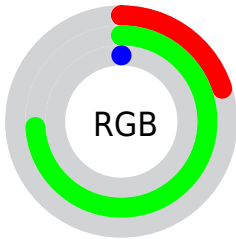
Format	Color
RYB	0, 189, 138
Decimal	3390720
CIELab	67.35, -64.06, 67.06
CIELCh	67, 92.738, 133.691
Yxy	37.0990, 0.3116, 0.5908
Android (android.graphics.Color)	4281580800 (0xFF33BD00)
YUV	126.1920, -62.2127, -65.9434
Hunter-Lab	60.9089, -49.2597, 36.6694

Details

The Android color **4281580800** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **4287234237**, and the grayscale version is **4286545791**.

A 20% lighter version of the original color is **4286117454**, and **4278224384** is the 20% darker color. If you saturate the color by 10%, you get **4281580800**, and if you desaturate by 10%, it is **4282498323**.

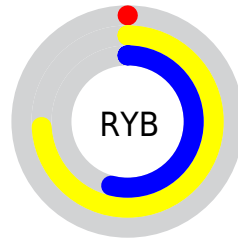
Distribution



Red (20%)

Green (74%)

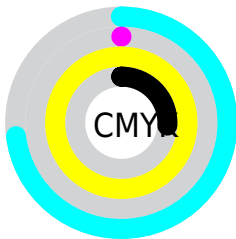
Blue (0%)



Red (0%)

Yellow (74%)

Blue (54%)

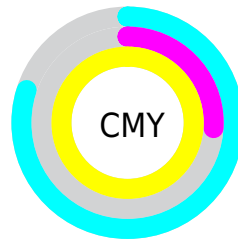


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (80%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281580800 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 4281580800 by changing the saturation by 10% instead.

 4281580800

 4281580800

4294967295

 4278231296

 4286117454

 4278224384

 4288151403

 4278217728

 4290117511

 4278211072

 4292083619

 4278204928


 4294115264

 4278198528

 4294967261

 4278190080

 4294967291

 4281580800

 4282498323

 4283415846

 4284267833

 4285185356

 4286102879

 4287020401

 4287937924

 4288789911

 4289707434

Harmonies

Analogous

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



4288916480



4281580800



4278240626

Triad

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



4281580800



4278238207



4294915970

Complementary

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



4281580800



4287234237

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.



4294919637



4281580800



4278231807

Square

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



4281580800



4278241023



4292180479



4294927408

Rectangle

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



4281580800



4278241452



4292180479



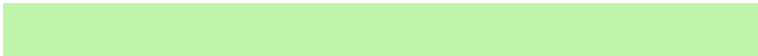
4294914461

Sweetspot

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



4281580800



4290770347



4290610944



4284119630



4294638330



4286216826

Same Dimension

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



4281580800



4282578176



4278238505



4283915861



4281048576



4278722304

Inverse Universe

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



4287234237



4289921269



4290576532



4284241246



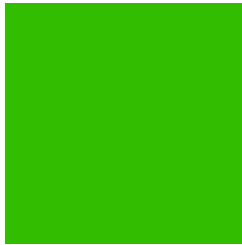
4285726878



4279631903

Previews

White Background



This preview shows how the Android color 4281580800 looks on a white background.

Color Contrast Check

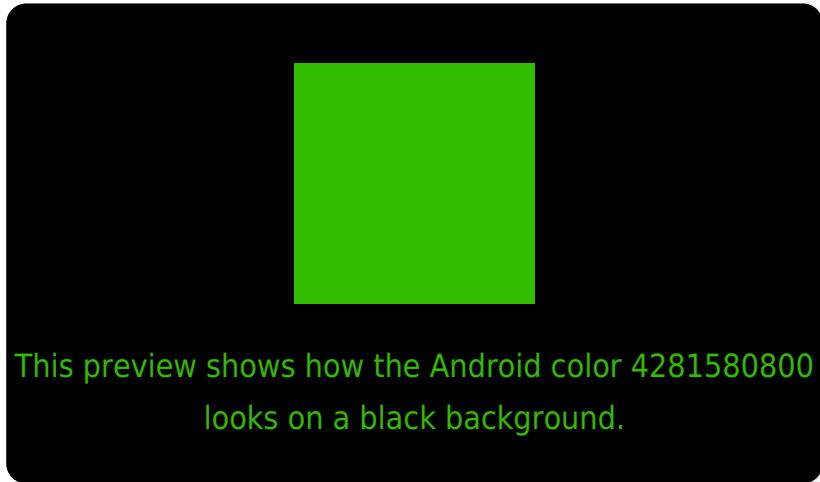
Large Text (above 18pt) WCAG AA × Fail

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 4281580800 Background



This preview shows how black text looks on a background with the Android color 4281580800.



This preview shows how white text looks on a background with the Android color 4281580800.

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

4281580800



Protanomaly

4287147008



Deuteranomaly

4287997721



Tritanomaly

4283282809

Monochromacy



Original Color

4281580800



Achromatopsia

4286479998



Achromatomaly

4284716368

CSS Examples

Text

The CSS property to change the color of the text to Android 4281580800 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(51, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 189, 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(51, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 189, 0) }
```

Border

The CSS property to change the border of an element to Android 4281580800 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(51, 189, 0) }
```

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

```
.border{ border-color:rgb(51, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(51, 189, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4281580800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 189, 0) }
```

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

```
.background{ background-color: rgb(51, 189,  
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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