

Converting Colors

Android(4280596480)

Have a look what the booklet for
Android(4280596480) contains.

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Color

Android(4280596480)

Conversions

Conversions Part 1

Format	Color
Hex	24B800
RGB	36, 184, 0
RGB Percent	14%, 72%, 0%
CMY	0.8588, 0.2784, 1.0000
CMYK	0.80, 0.00, 1.00, 0.28
HSL	108°, 100%, 36%
HSV	108°, 100%, 72%
XYZ	17.8680, 34.6560, 5.7475
YIQ	118.7720, -29.1440, -88.6000

Conversions

Conversions Part 2

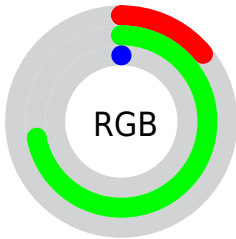
Format	Color
RYB	0, 184, 148
Decimal	2406400
CIELab	65.48, -64.78, 65.46
CIELCh	65, 92.092, 134.701
Yxy	34.6560, 0.3066, 0.5947
Android (android.graphics.Color)	4280596480 (0xFF24B800)
YUV	118.7720, -58.5546, -72.5910
Hunter-Lab	58.8694, -48.8431, 35.4200

Details

The Android color **4280596480** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4287889592**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4285460813**, and **4278223104** is the 20% darker color. If you saturate the color by 10%, you get **4280596480**, and if you desaturate by 10%, it is **4281579538**.

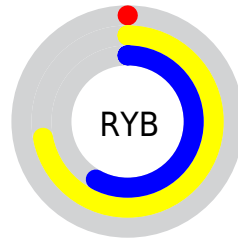
Distribution



Red (14%)

Green (72%)

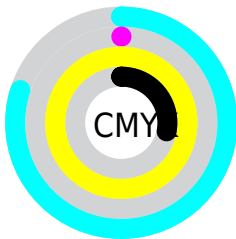
Blue (0%)



Red (0%)

Yellow (72%)

Blue (58%)

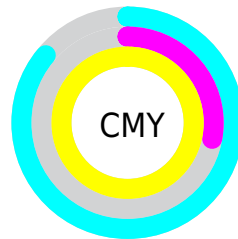


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (86%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280596480 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 4280596480 by changing the saturation by 10% instead.

 4280596480

 4280596480

4294967295

 4278230016

 4285460813

 4278223104

 4287496041

 4278216448

 4289527685

 4278209792

 4291493794

 4278203904

 4293525438


 4278197248

 4294967259

 4278190080

 4294967289

 4280596480

 4281579538

 4282562597

 4283480119

 4284463178

 4285446236

 4286429294

 4287412353

 4288329875

 4289312934

Harmonies

Analogous

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



4288391168



4280596480



4278239344

Triad

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



4280596480



4278236671



4294914427

Complementary

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



4280596480



4287889592

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.



4294917837



4280596480



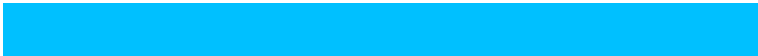
4278230271

Square

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



4280596480



4278239487



4292047615



4294926633

Rectangle

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



4280596480



4278239914



4292047615



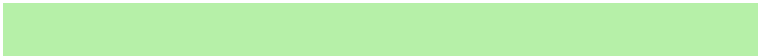
4294912662

Sweetspot

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



4280596480



4290179240



4290286336



4283791437



4294440951



4286085240

Same Dimension

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



4280596480



4281331712



4278237239



4283718739



4280196096



4278524928

Inverse Universe

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



4287889592



4290838768



4290248833



4284109660



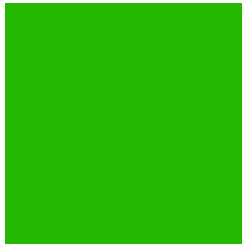
4286382236



4279697436

Previews

White Background



This preview shows how the Android color 4280596480 looks on a white background.

Color Contrast Check

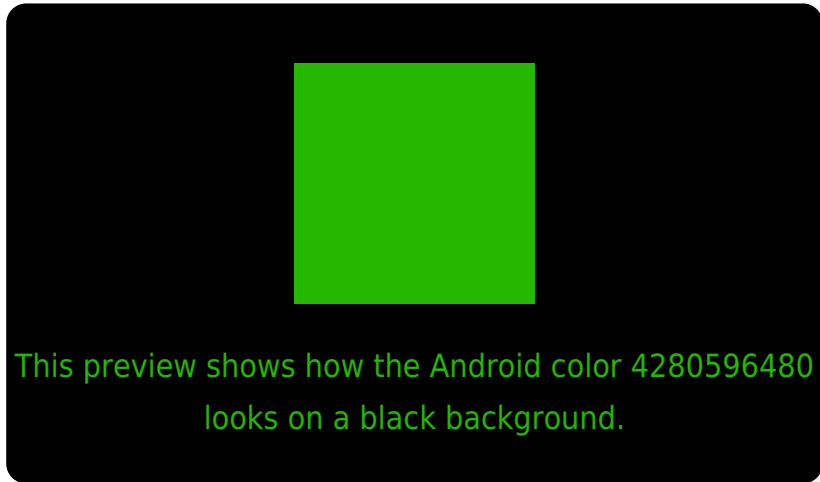
Large Text (above 18pt) WCAG AA × Fail

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

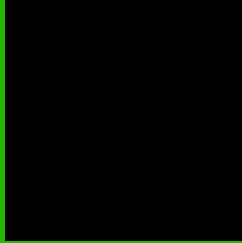
Any Text WCAG AA ✓ Pass

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 4280596480 Background



This preview shows how black text looks on a background with the Android color 4280596480.



This preview shows how white text looks on a background with the Android color 4280596480.

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

4280596480



Protanomaly

4286490368



Deuteranomaly

4287341081



Tritanomaly

4282560630

Monochromacy



Original Color

4280596480



Achromatopsia

4286019447



Achromatomaly

4284059468

CSS Examples

Text

The CSS property to change the color of the text to Android 4280596480 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(36, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 184, 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(36, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 184, 0) }
```

Border

The CSS property to change the border of an element to Android 4280596480 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(36, 184, 0) }
```

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

```
.border{ border-color:rgb(36, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(36, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280596480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 184, 0) }
```

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

```
.background{ background-color: rgb(36, 184,  
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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