

Converting Colors

Android(4280603648)

Have a look what the booklet for
Android(4280603648) contains.

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Color

Android(4280603648)

Conversions

Conversions Part 1

Format	Color
Hex	24D400
RGB	36, 212, 0
RGB Percent	14%, 83%, 0%
CMY	0.8588, 0.1686, 1.0000
CMYK	0.83, 0.00, 1.00, 0.17
HSL	110°, 100%, 42%
HSV	110°, 100%, 83%
XYZ	24.2710, 47.4620, 7.8819
YIQ	135.2080, -36.8440, -103.2440

Conversions

Conversions Part 2

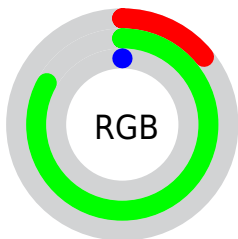
Format	Color
RYB	0, 212, 176
Decimal	2413568
CIELab	74.48, -72.80, 72.65
CIELCh	74, 102.855, 135.059
Yxy	47.4620, 0.3049, 0.5961
Android (android.graphics.Color)	4280603648 (0xFF24D400)
YUV	135.2080, -66.6575, -87.0054
Hunter-Lab	68.8927, -57.6763, 41.4416

Details

The Android color `4280603648` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4289724628`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285923155`, and `4278230016` is the 20% darker color. If you saturate the color by 10%, you get `4280603648`, and if you desaturate by 10%, it is `4281783317`.

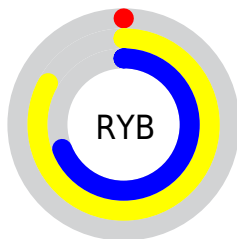
Distribution



Red (14%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (69%)

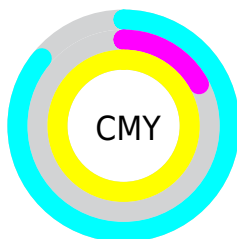


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (86%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280603648 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 4280603648 by changing the saturation by 10% instead.

 4280603648

 4280603648

4294967295

 4278237184

 4285923155

 4278230016

 4288085873

 4278222848

 4290117517

 4278216192

 4292214698

 4278209536

 4294246343


 4278203392

 4294967269

 4278196224

 4278190080

 4280603648

 4281783317

 4282897450

 4284077120

 4285191253

 4286370922

 4287550591

 4288664724

 4289844394

 4290958527

Harmonies

Analogous

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



4289839616



4280603648



4278246787

Triad

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



4280603648



4278243583



4294916236

Complementary

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



4280603648



4289724628

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.



4294919915



4280603648



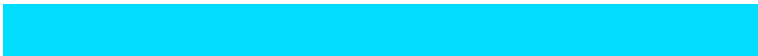
4278236159

Square

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



4280603648



4278246911



4294214655



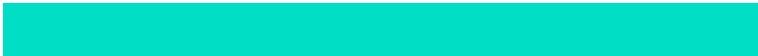
4294930735

Rectangle

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



4280603648



4278247365



4294214655



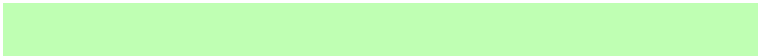
4294913964

Sweetspot

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



4280603648



4290772915



4292128000



4284055634



4278190080



4286611584

Same Dimension

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



4280603648



4281073408



4278244419



4284640096



4280134400



4278659840

Inverse Universe

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



4289724628



4292083967



4292083857



4285096043



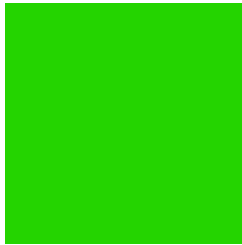
4287496363



4280549419

Previews

White Background



This preview shows how the Android color 4280603648 looks on a white background.

Color Contrast Check

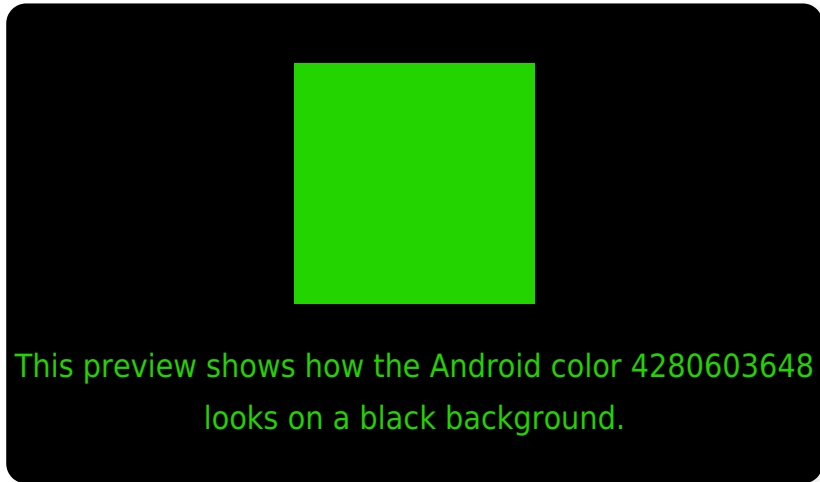
Large Text (above 18pt) WCAG AA × Fail

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 4280603648 Background



This preview shows how black text looks on a background with the Android color 4280603648.



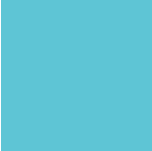
This preview shows how white text looks on a background with the Android color 4280603648.

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](#).

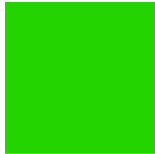
Dichromacy





Tritanopia
4284401109

Trichromacy



Original Color

4280603648



Protanomaly

4287676672



Deuteranomaly

4288592669



Tritanomaly

4283026056

Monochromacy



Original Color

4280603648



Achromatopsia

4287072135



Achromatomaly

4284719958

CSS Examples

Text

The CSS property to change the color of the text to Android 4280603648 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, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 212, 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, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 212, 0) }
```

Border

The CSS property to change the border of an element to Android 4280603648 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, 212, 0) }
```

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

```
.border{ border-color:rgb(36, 212, 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, 212, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(36, 212, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280603648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 212, 0) }
```

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

```
.background{ background-color: rgb(36, 212,  
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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