

Converting Colors

Android(4282696960)

Have a look what the booklet for
Android(4282696960) contains.

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Color

Android(4282696960)

Conversions

Conversions Part 1

Format	Color
Hex	44C500
RGB	68, 197, 0
RGB Percent	27%, 77%, 0%
CMY	0.7333, 0.2275, 1.0000
CMYK	0.65, 0.00, 1.00, 0.23
HSL	99°, 100%, 39%
HSV	99°, 100%, 77%
XYZ	22.3501, 41.1614, 6.7670
YIQ	135.9710, -13.6470, -88.6150

Conversions

Conversions Part 2

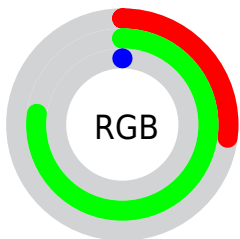
Format	Color
RYB	0, 197, 129
Decimal	4506880
CIELab	70.29, -63.32, 69.55
CIELCh	70, 94.058, 132.314
Yxy	41.1614, 0.3180, 0.5857
Android (android.graphics.Color)	4282696960 (0xFF44C500)
YUV	135.9710, -67.0337, -59.6106
Hunter-Lab	64.1572, -50.0918, 38.6564

Details

The Android color `4282696960` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4286644421`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4286971728`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4282696960`, and if you desaturate by 10%, it is `4283548948`.

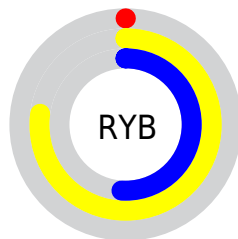
Distribution



Red (27%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (51%)

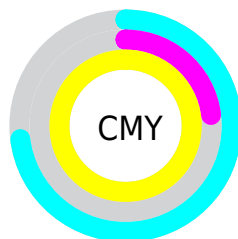


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (73%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282696960 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 4282696960 by changing the saturation by 10% instead.

 4282696960

 4282696960

4294967295

 4279675136

 4286971728

 4278226432

 4288937837

 4278219520

 4290969481

 4278212864

 4292935590

 4278206464

 4294967235

 4278200576

 4294967264

 4278190592

4294967294

 4278190080

 4282696960

 4283548948

 4284400935

 4285252923

 4286104911

 4286956899

 4287743350

 4288595338

 4289447326

 4290299313

Harmonies

Analogous

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



4289704704



4282696960



4278242932

Triad

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



4282696960



4278240511



4294918029

Complementary

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



4282696960



4286644421

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.



4294922466



4282696960



4278234111

Square

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



4282696960



4278243327



4292444927



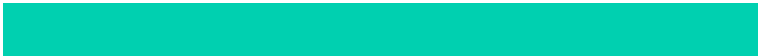
4294928698

Rectangle

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



4282696960



4278243504



4292444927



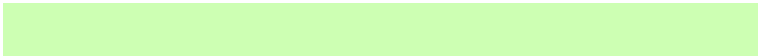
4294917033

Sweetspot

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



4282696960



4291690419



4291133440



4284579922



4278190080



4286611584

Same Dimension

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



4282696960



4284022528



4278240542



4284310362



4281901824



4278985728

Inverse Universe

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



4286644421



4289134847



4291100839



4284504675



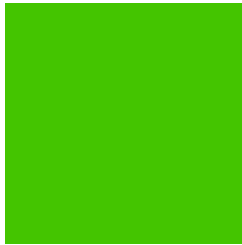
4285202595



4279697444

Previews

White Background



This preview shows how the Android color 4282696960 looks on a white background.

Color Contrast Check

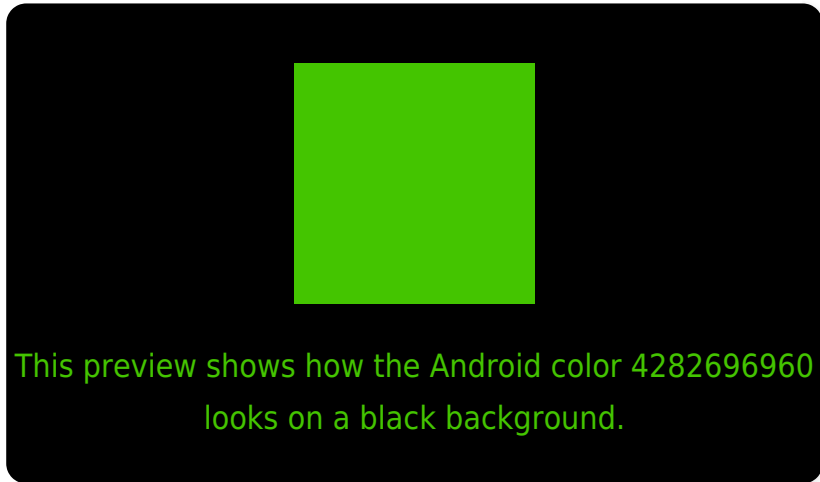
Large Text (above 18pt) WCAG AA × Fail

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

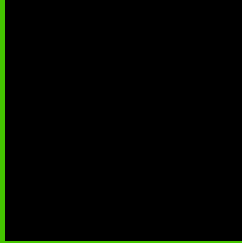
Any Text WCAG AA ✓ Pass

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 4282696960 Background



This preview shows how black text looks on a background with the Android color 4282696960.



This preview shows how white text looks on a background with the Android color 4282696960.

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

4282696960



Protanomaly

4287869952



Deuteranomaly

4288786203



Tritanomaly

4284202110

Monochromacy



Original Color

4282696960



Achromatopsia

4287137928



Achromatomaly

4285505111

CSS Examples

Text

The CSS property to change the color of the text to Android 4282696960 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(68, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(68, 197, 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(68, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 197, 0) }
```

Border

The CSS property to change the border of an element to Android 4282696960 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(68, 197, 0) }
```

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

```
.border{ border-color:rgb(68, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(68, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(68, 197, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4282696960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 197, 0) }
```

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

```
.background{ background-color: rgb(68, 197,  
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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