

Converting Colors

Android(4282897163)

Have a look what the booklet for
Android(4282897163) contains.

Android(4282897163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282897163)

Conversions

Conversions Part 1

Format	Color
Hex	47D30B
RGB	71, 211, 11
RGB Percent	28%, 83%, 4%
CMY	0.7216, 0.1725, 0.9569
CMYK	0.66, 0.00, 0.95, 0.17
HSL	102°, 90%, 44%
HSV	102°, 95%, 83%
XYZ	25.9532, 47.9523, 8.2045
YIQ	146.3400, -19.2400, -91.8800

Conversions

Conversions Part 2

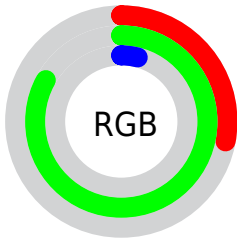
Format	Color
RYB	11, 211, 151
Decimal	4707083
CIELab	74.79, -66.98, 72.07
CIElCh	75, 98.386, 132.903
Yxy	47.9523, 0.3161, 0.5840
Android (android.graphics.Color)	4282897163 (0xFF47D30B)
YUV	146.3400, -66.7226, -66.0732
Hunter-Lab	69.2476, -54.2835, 41.4486

Details

The Android color `4282897163` 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 `4288089043`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287233878`, and `4278229760` is the 20% darker color. If you saturate the color by 10%, you get `4282372864`, and if you desaturate by 10%, it is `4283880224`.

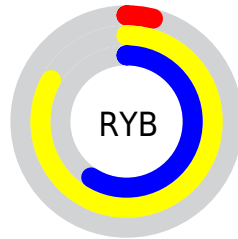
Distribution



Red (28%)

Green (83%)

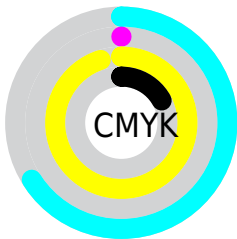
Blue (4%)



Red (4%)

Yellow (83%)

Blue (59%)

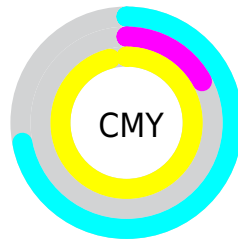


Cyan (66%)

Magenta (0%)

Yellow (95%)

Black (17%)



Cyan (72%)

Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282897163 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 4282897163 by changing the saturation by 10% instead.



4282897163



4282897163

4294967295



4279744256



4287233878



4278229760



4289265523



4278222848



4291297168



4278216192



4293328813



4278209536



4294967242



4278203648



4294967271



4278196480



4278190080



4282897163



4282897163

■ 4282372864

■ 4283880224

■ 4284863285

■ 4285780810

■ 4286763871

■ 4287746932

■ 4288729994

■ 4289647519

■ 4290630580

■ 4291613641

Harmonies

Analogous

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



4290428928



4282897163



4278246527

Triad

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



4282897163



4278243839



4294919829

Complementary

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



4282897163



4288089043

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.



4294924016



4282897163



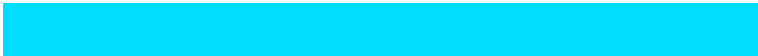
4278236927

Square

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



4282897163



4278246911



4293561343



4294931262

Rectangle

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



4282897163



4278247359



4293561343



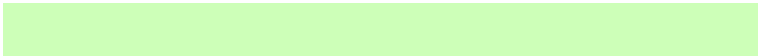
4294918835

Sweetspot

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



4282897163



4291690424



4292056843



4284579924



4278190080



4286611584

Same Dimension

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



4282897163



4283301632



4278965043



4284574046



4281509888



4278987008

Inverse Universe

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



4288089043



4289921279



4292021163



4284833385



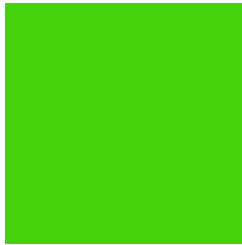
4285923496



4280090665

Previews

White Background



This preview shows how the Android color 4282897163 looks on a white background.

Color Contrast Check

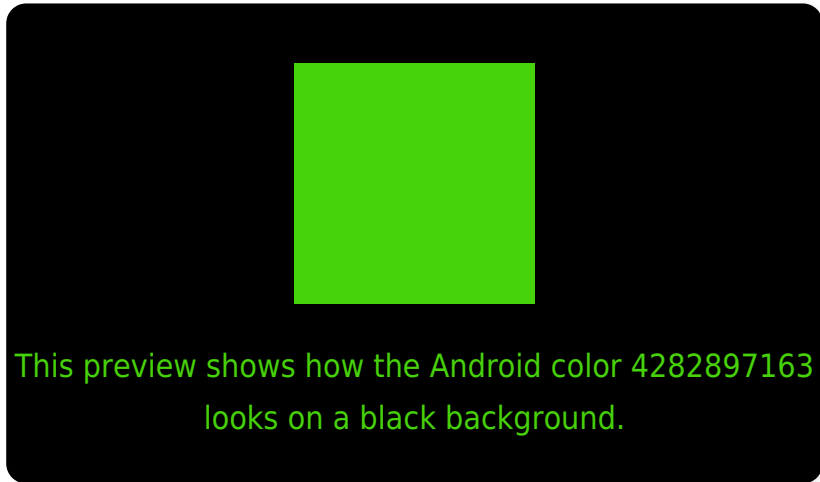
Large Text (above 18pt) WCAG AA × Fail

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

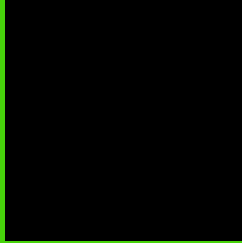
Any Text WCAG AA ✓ Pass

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 4282897163 Background



This preview shows how black text looks on a background with the Android color 4282897163.



This preview shows how white text looks on a background with the Android color 4282897163.

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
4282897163

Protanopia
4291737344

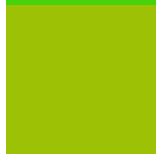
Deuteranopia
4293242158

Trichromacy



Original Color

4282897163



Protanomaly

4288528644



Deuteranomaly

4289510177



Tritanomaly

4284533131

Monochromacy



Original Color

4282897163



Achromatopsia

4287795858



Achromatomaly

4286032481

CSS Examples

Text

The CSS property to change the color of the text to Android 4282897163 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(71, 211, 11)` looks like.

```
.text, #text, p{  
    color:rgb(71, 211, 11)  
}
```

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(71, 211, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 211, 11) }
```

Border

The CSS property to change the border of an element to Android 4282897163 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(71, 211, 11) }
```

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

```
.border{ border-color:rgb(71, 211, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 211, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 211, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 211, 11);  
box-shadow:4px 4px 4px 4px rgb(71, 211,  
11) }
```

Background

The CSS property to change the background color of an element to Android 4282897163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 211, 11) }
```

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

```
.background{ background-color: rgb(71, 211,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor