

Converting Colors

Android(4282963009)

Have a look what the booklet for
Android(4282963009) contains.

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Color

Android(4282963009)

Conversions

Conversions Part 1

Format	Color
Hex	48D441
RGB	72, 212, 65
RGB Percent	28%, 83%, 25%
CMY	0.7176, 0.1686, 0.7451
CMYK	0.66, 0.00, 0.69, 0.17
HSL	117°, 63%, 54%
HSV	117°, 69%, 83%
XYZ	27.1701, 48.8463, 12.9973
YIQ	153.3820, -36.2530, -75.3970

Conversions

Conversions Part 2

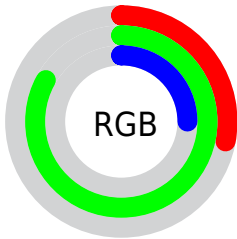
Format	Color
RYB	65, 212, 205
Decimal	4772929
CIELab	75.36, -64.40, 59.03
CIELCh	75, 87.365, 137.490
Yxy	48.8463, 0.3052, 0.5488
Android (android.graphics.Color)	4282963009 (0xFF48D441)
YUV	153.3820, -43.5723, -71.3720
Hunter-Lab	69.8902, -52.9151, 37.8971

Details

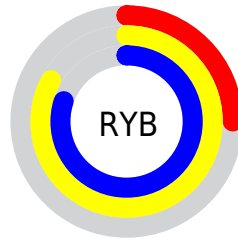
The Android color `4282963009` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark muted green. A complement of this color would be `4291641812`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4287233912`, and `4278230016` is the 20% darker color. If you saturate the color by 10%, you get `4281652268`, and if you desaturate by 10%, it is `4284273750`.

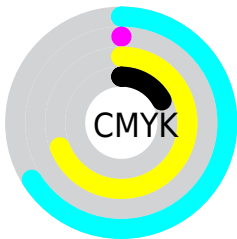
Distribution



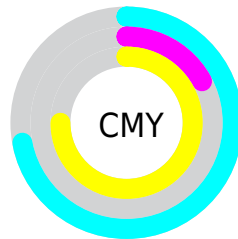
- Red (28%)
- Green (83%)
- Blue (25%)



- Red (25%)
- Yellow (83%)
- Blue (80%)



- Cyan (66%)
- Magenta (0%)
- Yellow (69%)
- Black (17%)



- Cyan (72%)
- Magenta (17%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282963009 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 4282963009 by changing the saturation by 10% instead.



4282963009



4282963009

4294967295



4280072227



4287233912



4278230016



4289200020



4278223104



4291231664



4278216448



4293197772



4278209792



4294967273



4278203904



4278196992




4278190080



4282963009



4282963009

 4281652268

 4284273750

 4280341527

 4285584491

 4278965249

 4286960769

 4278899712

 4288271510

 4289582251

 4290892992

 4292203733

 4293580011

 4294890751

Harmonies

Analogous

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



4289905664



4282963009



4278246548

Triad

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



4282963009



4278242815



4294927758

Complementary

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



4282963009



4291641812

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.



4294928607



4282963009



4284789759

Square

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



4282963009



4278246143



4294413823



4294936131

Rectangle

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



4282963009



4278247116



4294413823



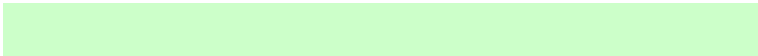
4294926505

Sweetspot

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



4282963009



4291624905



4292136257



4284579936



4278190080



4286611584

Same Dimension

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



4282963009



4281728811



4282504323



4284574560



4278758144



4278332160

Inverse Universe

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



4291641812



4294257663



4292100498



4285227115



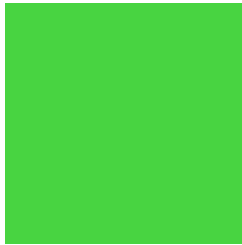
4288872619



4280877099

Previews

White Background



This preview shows how the Android color 4282963009 looks on a white background.

Color Contrast Check

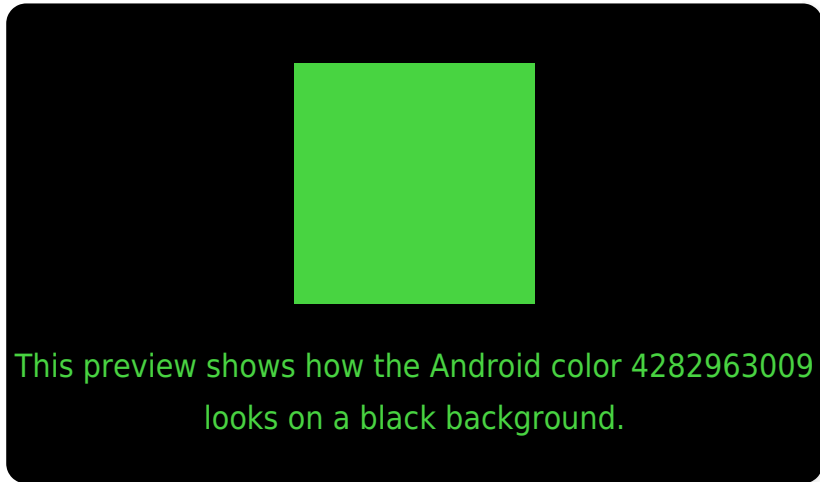
Large Text (above 18pt) WCAG AA × Fail

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

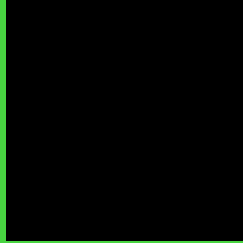
Any Text WCAG AA ✓ Pass

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 4282963009 Background



This preview shows how black text looks on a background with the Android color 4282963009.



This preview shows how white text looks on a background with the Android color 4282963009.

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



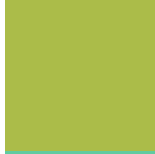
Original Color

4282963009



Protanomaly

4288528957



Deuteranomaly

4289444937



Tritanomaly

4284533664

Monochromacy



Original Color

4282963009



Achromatopsia

4288256409



Achromatomaly

4286361209

CSS Examples

Text

The CSS property to change the color of the text to Android 4282963009 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(72, 212, 65)` looks like.

```
.text, #text, p{  
    color:rgb(72, 212, 65)  
}
```

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(72, 212, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 212, 65) }
```

Border

The CSS property to change the border of an element to Android 4282963009 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(72, 212, 65) }
```

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

```
.border{ border-color:rgb(72, 212, 65) }
```

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

Here you see how a box with a 4 pixel rgb(72, 212, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 212, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 212, 65);  
box-shadow:4px 4px 4px 4px rgb(72, 212,  
65) }
```

Background

The CSS property to change the background color of an element to Android 4282963009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 212, 65) }
```

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

```
.background{ background-color: rgb(72, 212,  
65) }
```

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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