

# Converting Colors

Android(4282962220)

Have a look what the booklet for  
Android(4282962220) contains.

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# **Color**

**Android(4282962220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48D12C
RGB	72, 209, 44
RGB Percent	28%, 82%, 17%
CMY	0.7176, 0.1804, 0.8275
CMYK	0.66, 0.00, 0.79, 0.18
HSL	110°, 65%, 50%
HSV	110°, 79%, 82%
XYZ	25.9276, 47.1605, 10.1192
YIQ	149.2270, -28.6870, -80.3590

# Conversions

## Conversions Part 2

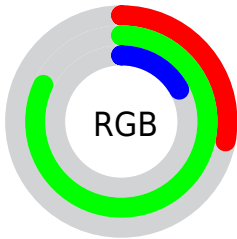
Format	Color
<a href="#">RYB</a>	<a href="#">44, 209, 181</a>
Decimal	<a href="#">4772140</a>
CIELab	<a href="#">74.29, -64.92, 65.08</a>
CIELCh	<a href="#">74, 91.925, 134.927</a>
Yxy	<a href="#">47.1605, 0.3116, 0.5668</a>
Android (android.graphics.Color)	<a href="#">4282962220 (0xFF48D12C)</a>
YUV	<a href="#">149.2270, -51.8769, -67.7281</a>
Hunter-Lab	<a href="#">68.6735, -52.7862, 39.3349</a>

# Details

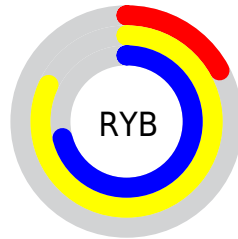
The Android color `4282962220` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4290063569`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4287233895`, and `4278229248` is the 20% darker color. If you saturate the color by 10%, you get `4281848087`, and if you desaturate by 10%, it is `4284076353`.

# Distribution



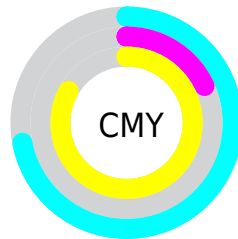
- Red (28%)
- Green (82%)
- Blue (17%)



- Red (17%)
- Yellow (82%)
- Blue (71%)



- Cyan (66%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (72%)
- Magenta (18%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282962220 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 4282962220 by changing the saturation by 10% instead.



 4282962220

 4282962220

4294967295


 4280005888

 4287233895

 4278229248

 4289265539

 4278222336

 4291231647

 4278215680

 4293263292

 4278209024

 4294967257

 4278203136

 4294967286

 4278196224

 4278190080

 4282962220

 4282962220

■ 4281848087

■ 4284076353

■ 4280668418

■ 4285256022

■ 4280537344

■ 4286370155

■ 4287484288

■ 4288663957

■ 4289778089

■ 4290892222

■ 4292071891

■ 4293186024

# Harmonies

## Analogous

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



4290035712



4282962220



4278246024

# Triad

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



4282962220



4278242815



4294923920

# Complementary

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



4282962220



4290063569

# 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.



4294926053



4282962220



4280595455

# Square

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



4282962220



4278245887



4293823231



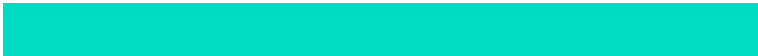
4294933312

# Rectangle

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



4282962220



4278246595



4293823231



4294922924

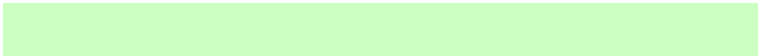


# Sweetspot

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



4282962220



4291624898



4291932972



4284579931



4278190080



4286611584



# Same Dimension

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



4282962220



4281794317



4281127264



4284508510



4280133632



4278659328



# Inverse Universe

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



4290063569



4292218367



4291898525



4284964457



4287365288

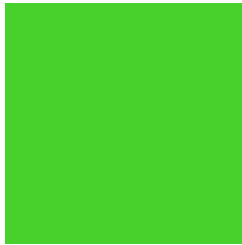


4280418345



# Previews

## White Background



This preview shows how the Android color 4282962220 looks on a white background.

## Color Contrast Check

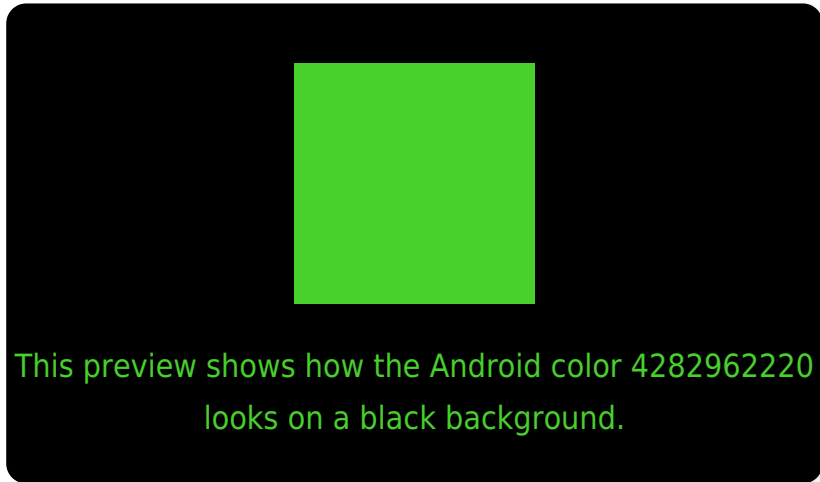
Large Text (above 18pt) WCAG AA × Fail

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

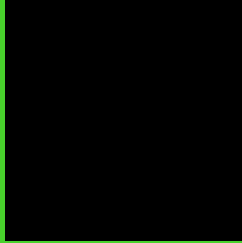
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282962220 Background



This preview shows how black text looks on a background with the Android color 4282962220.



This preview shows how white text looks on a background with the Android color 4282962220.

# 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



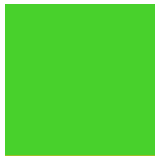
**Original Color**  
4282962220

**Protanopia**  
4291606053

**Deuteranopia**  
4293110845



# Trichromacy



**Original Color**

4282962220



**Protanomaly**

4288462888



**Deuteranomaly**

4289444151



**Tritanomaly**

4284532886

# Monochromacy



**Original Color**

4282962220



**Achromatopsia**

4287993237



**Achromatomaly**

4286163823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282962220 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, 209, 44)` looks like.

```
.text, #text, p{  
    color:rgb(72, 209, 44)  
}
```

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, 209, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 209, 44) }
```

## Border

The CSS property to change the border of an element to Android 4282962220 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, 209, 44) }
```

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

```
.border{ border-color:rgb(72, 209, 44) }
```

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

Here you see how a box with a 4 pixel rgb(72, 209, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 209, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 209, 44);  
box-shadow:4px 4px 4px 4px rgb(72, 209,  
44) }
```

# Background

The CSS property to change the background color of an element to Android 4282962220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 209, 44) }
```

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

```
.background{ background-color: rgb(72, 209,  
44) }
```

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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