

# Converting Colors

Android(4282185225)

Have a look what the booklet for  
Android(4282185225) contains.

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# **Color**

**Android(4282185225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CF609
RGB	60, 246, 9
RGB Percent	24%, 96%, 4%
CMY	0.7647, 0.0353, 0.9647
CMYK	0.76, 0.00, 0.96, 0.04
HSL	107°, 93%, 50%
HSV	107°, 96%, 96%
XYZ	34.8686, 66.8919, 11.3321
YIQ	163.3680, -34.7790, -113.1390

# Conversions

## Conversions Part 2

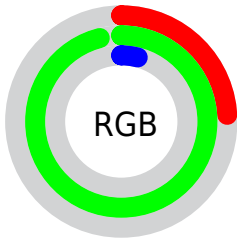
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 246, 195
Decimal	3995145
CIE Lab	85.45, -79.35, 80.84
CIE LCh	85, 113.273, 134.468
Yxy	66.8919, 0.3083, 0.5915
Android (android.graphics.Color)	4282185225 (0xFF3CF609)
YUV	163.3680, -76.1034, -90.6537
Hunter-Lab	81.7875, -67.0280, 49.0363

# Details

The Android color **4282185225** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **4290972150**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4287233885**, and **4278238208** is the 20% darker color. If you saturate the color by 10%, you get **4281726464**, and if you desaturate by 10%, it is **4283430434**.

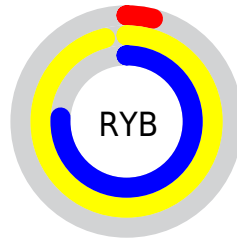
# Distribution



Red (24%)

Green (96%)

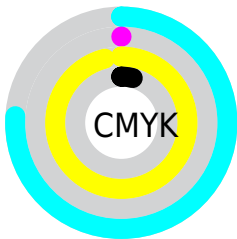
Blue (4%)



Red (4%)

Yellow (96%)

Blue (76%)

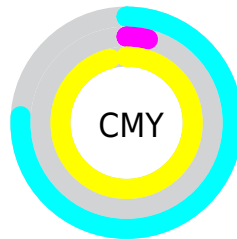


Cyan (76%)

Magenta (0%)

Yellow (96%)

Black (4%)



Cyan (76%)

Magenta (4%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282185225 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 4282185225 by changing the saturation by 10% instead.





4282185225



4282185225

4294967295



4278245632



4287233885



4278238208



4289396603



4278231040



4291559321



4278223872



4293656502



4278216960



4294967252



4278210304



4294967282



4278203904



4278197248



4278190080

■ 4282185225

■ 4282185225

■ 4281726464

■ 4283430434

■ 4284741178

■ 4285986387

■ 4287231595

■ 4288542340

■ 4289787549

■ 4291032757

■ 4292277966

■ 4293588710

# Harmonies

## Analogous

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



4291944704



4282185225



4278255512

# Triad

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



4282185225



4278252287



4294920615

# Complementary

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



4282185225



4290972150

# 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.



4294925055



4282185225



4278244095

# Square

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



4282185225



4278255615



4294941951



4294935870

# Rectangle

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



4282185225



4278255587



4294941951



4294918602

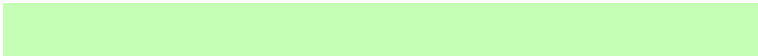


# Sweetspot

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



4282185225



4291166133



4294361865



4284252243



4278190080



4286611584



# Same Dimension

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



4282185225



4281859840



4278842956



4285626990



4280859136



4279057152



# Inverse Universe

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



4290972150



4291297535



4294314419



4286082682



4287758522

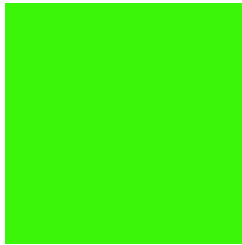


4281204795



# Previews

## White Background



This preview shows how the Android color 4282185225 looks on a white background.

## Color Contrast Check

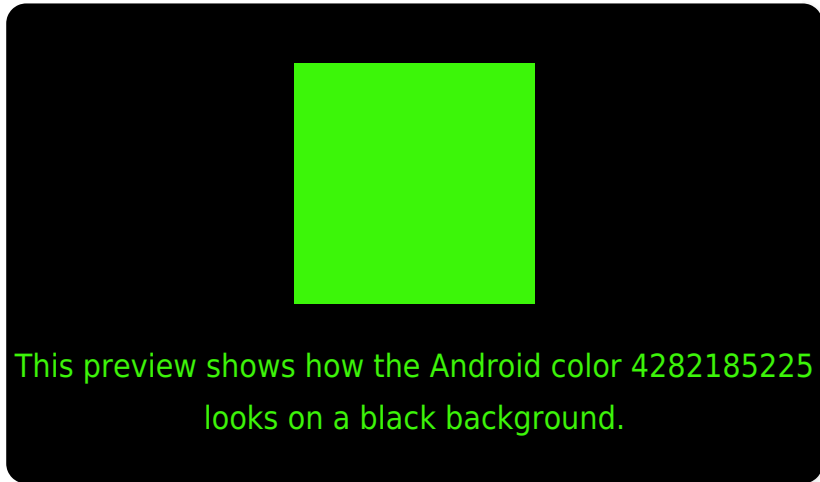
Large Text (above 18pt) WCAG AA × Fail

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 4282185225 Background



This preview shows how black text looks on a background with the Android color 4282185225.



This preview shows how white text looks on a background with the Android color 4282185225.

# 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



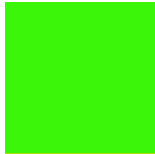
**Original Color**  
4282185225

**Protanopia**  
4293907456

**Deuteranopia**  
4294953842



# Trichromacy



**Original Color**

4282185225



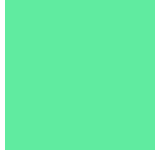
**Protanomaly**

4289650691



**Deuteranomaly**

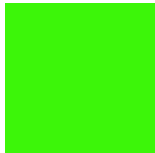
4290304844



**Tritanomaly**

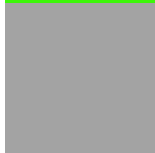
4284541856

# Monochromacy



**Original Color**

4282185225



**Achromatopsia**

4288914339



**Achromatomaly**

4286497131

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282185225 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(60, 246, 9)` looks like.

```
.text, #text, p{  
    color:rgb(60, 246, 9)  
}
```

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(60, 246, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 246, 9) }
```

## Border

The CSS property to change the border of an element to Android 4282185225 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(60, 246, 9) }
```

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

```
.border{ border-color:rgb(60, 246, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 246, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 246, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 246, 9);  
box-shadow:4px 4px 4px 4px rgb(60, 246, 9)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282185225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 246, 9) }
```

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

```
.background{ background-color: rgb(60, 246,  
9) }
```

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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