

# Converting Colors

Android(4282321189)

Have a look what the booklet for  
Android(4282321189) contains.

<b>Android(4282321189)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4282321189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F0925
RGB	63, 9, 37
RGB Percent	25%, 4%, 15%
CMY	0.7529, 0.9647, 0.8549
CMYK	0.00, 0.86, 0.41, 0.75
HSL	329°, 75%, 14%
HSV	329°, 86%, 25%
XYZ	2.4815, 1.3857, 1.8869
YIQ	28.3380, 23.1960, 20.1560

# Conversions

## Conversions Part 2

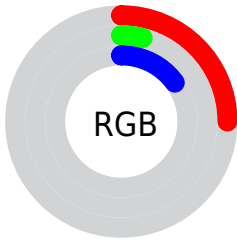
Format	Color
<a href="#">RYB</a>	<a href="#">63, 9, 37</a>
Decimal	<a href="#">4131109</a>
CIELab	<a href="#">11.86, 28.23, -3.72</a>
CIElCh	<a href="#">12, 28.478, 352.498</a>
Yxy	<a href="#">1.3857, 0.4313, 0.2408</a>
Android (android.graphics.Color)	<a href="#">4282321189 (0xFF3F0925)</a>
YUV	<a href="#">28.3380, 4.2704, 30.3986</a>
Hunter-Lab	<a href="#">11.7716, 17.0284, -1.2638</a>

# Details

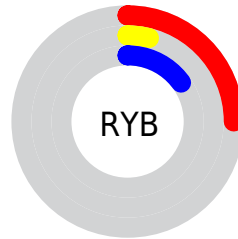
The Android color **4282321189** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278796067**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4285610322**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4282319650**, and if you desaturate by 10%, it is **4282322728**.

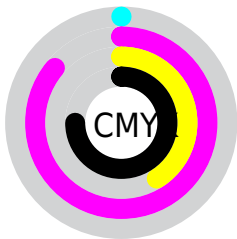
# Distribution



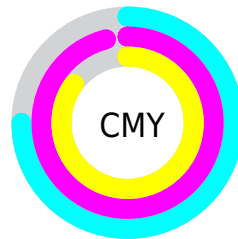
- Red (25%)
- Green (4%)
- Blue (15%)



- Red (25%)
- Yellow (4%)
- Blue (15%)



- Cyan (0%)
- Magenta (86%)
- Yellow (41%)
- Black (75%)



- Cyan (75%)
- Magenta (96%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282321189 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 4282321189 by changing the saturation by 10% instead.



 4282321189

 4282321189

 4294963711

 4280942608

 4285610322

 4278190080

 4287385962

 4289161603

 4291003293

 4292845240

 4294752723

 4294956528

 4282321189

 4282321189

■ 4282319650

■ 4282322728

■ 4282318881

■ 4282324523

■ 4282326062

■ 4282327601

■ 4282329396

■ 4282330935

■ 4282332474

■ 4282334013

■ 4282335808

# Harmonies

## Analogous

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



4281471543



4282321189



4282452497

# Triad

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



4282321189



4279968512



4278200126

# Complementary

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



4282321189



4278796067

# 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.



4278200366



4282321189



4278265344

# Square

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



4282321189



4281081088



4278200345



4278199110

# Rectangle

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



4282321189



4282257408



4278200345



4278200121



# Sweetspot

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



4282321189



4283579463



4280420671



4280884259



4289243304



4280887593



# Same Dimension

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



4282321189



4283564074



4282321163



4280228893



4284350513



4292739187



# Inverse Universe

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



4282321189



4283564074



4278796093



4280228893



4284350513

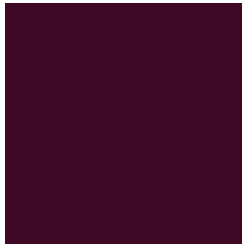


4292739187



# Previews

## White Background



This preview shows how the Android color 4282321189 looks on a white background.

## Color Contrast Check

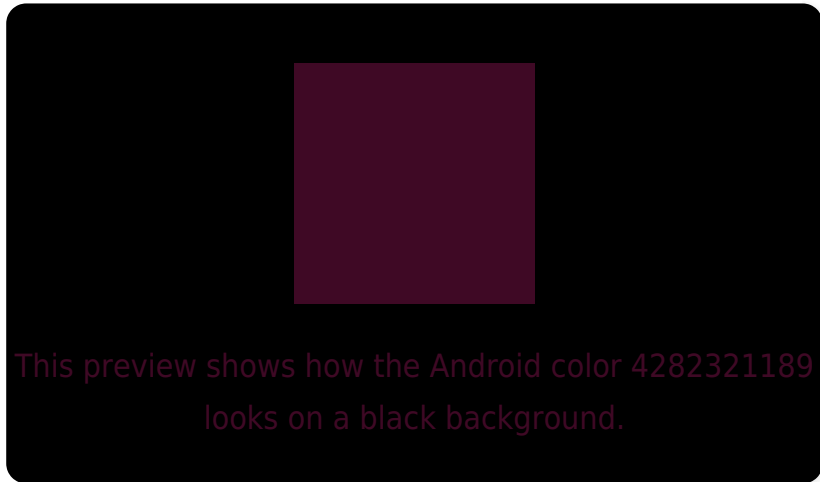
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

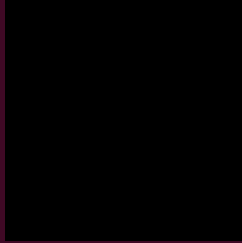
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282321189 Background



This preview shows how black text looks on a background with the Android color 4282321189.



This preview shows how white text looks on a background with the Android color 4282321189.

# 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**

4282321189

**Protanopia**

4279968052

**Deuteranopia**

4280623394



# Trichromacy



**Original Color**  
4282321189

**Protanomaly**  
4280817711

**Deuteranomaly**  
4281210915

**Tritanomaly**  
4282256664

# Monochromacy



**Original Color**  
4282321189

**Achromatopsia**  
4280032284

**Achromatomaly**  
4280882463

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282321189 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(63, 9, 37)` looks like.

```
.text, #text, p{  
    color:rgb(63, 9, 37)  
}
```

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(63, 9, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 9, 37) }
```

## Border

The CSS property to change the border of an element to Android 4282321189 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(63, 9, 37) }
```

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

```
.border{ border-color:rgb(63, 9, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 9, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 9, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 9, 37); box-shadow:4px  
4px 4px 4px rgb(63, 9, 37) }
```

# Background

The CSS property to change the background color of an element to Android 4282321189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 9, 37) }
```

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

```
.background{ background-color: rgb(63, 9,  
37) }
```

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