

# Converting Colors

Android(4284221481)

Have a look what the booklet for  
Android(4284221481) contains.

<b>Android(4284221481)</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(4284221481)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C0829
RGB	92, 8, 41
RGB Percent	36%, 3%, 16%
CMY	0.6392, 0.9686, 0.8392
CMYK	0.00, 0.91, 0.55, 0.64
HSL	336°, 84%, 20%
HSV	336°, 91%, 36%
XYZ	4.9007, 2.6091, 2.3431
YIQ	36.8780, 39.4710, 28.0710

# Conversions

## Conversions Part 2

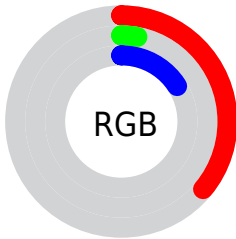
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 8, 41</a>
Decimal	<a href="#">6031401</a>
CIELab	<a href="#">18.40, 37.80, 3.69</a>
CIElCh	<a href="#">18, 37.981, 5.573</a>
Yxy	<a href="#">2.6091, 0.4974, 0.2648</a>
Android (android.graphics.Color)	<a href="#">4284221481 (0xFF5C0829)</a>
YUV	<a href="#">36.8780, 2.0321, 48.3420</a>
Hunter-Lab	<a href="#">16.1526, 25.8898, 2.7061</a>




# Details

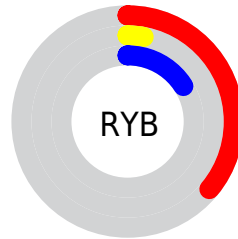
The Android color **4284221481** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **4278737979**, and the grayscale version is **4280624421**.




A 20% lighter version of the original color is **4287774294**, and **4281008129** is the 20% darker color. If you saturate the color by 10%, you get **4284219428**, and if you desaturate by 10%, it is **4284223791**.

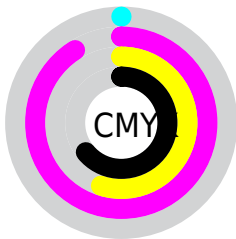
# Distribution







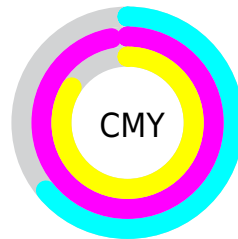
-  Red (36%)
-  Green (3%)
-  Blue (16%)






-  Red (36%)
-  Yellow (3%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (55%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (97%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284221481 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 4284221481 by changing the saturation by 10% instead.



 4284221481

 4284221481

 4294966527


 4282515477

 4287774294

 4281008129

 4289681518

 4278190080

 4291522951

 4293430434

 4294944701

 4294951896

 4294959093

 4284221481

 4284221481

■ 4284219428

■ 4284223791

■ 4284226100

■ 4284228666

■ 4284230975

■ 4284233285

■ 4284235595

■ 4284237904

■ 4284240470

■ 4284242779

# Harmonies

## Analogous

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



4283503172



4284221481



4283962382

# Triad

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



4284221481



4279776256



4278203999

# Complementary

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



4284221481



4278737979

# 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.



4278204492



4284221481



4278204180

# Square

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



4284221481



4281609472



4278204721



4278202212

# Rectangle

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



4284221481



4283440640



4278204721



4278204250



# Sweetspot

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



4284221481



4286076772



4281993308



4282198577



4290624957



4282203453



# Same Dimension

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



4284221481



4286054447



4284223496



4281215275



4285399083



4293722205



# Inverse Universe

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



4284221481



4286054447



4278735964



4281215275



4285399083

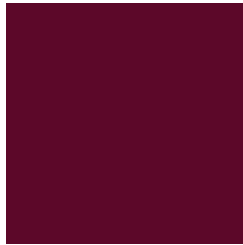


4293722205



# Previews

## White Background



This preview shows how the Android color 4284221481 looks on a white background.

## Color Contrast Check

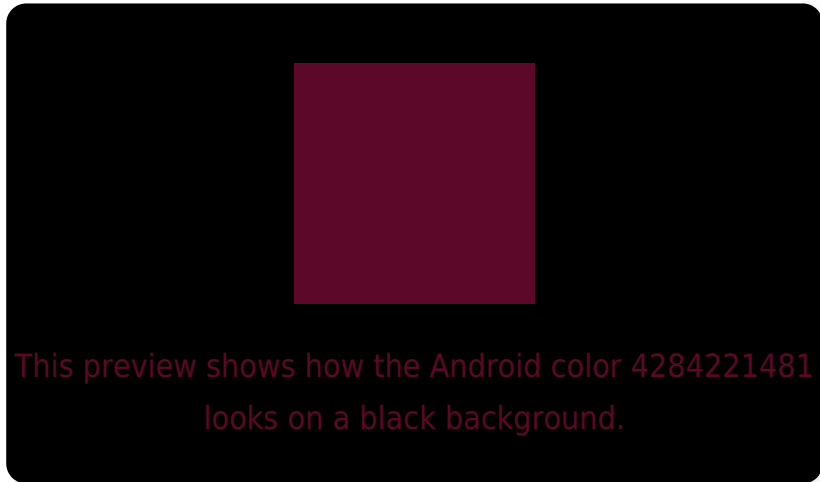
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284221481 Background



This preview shows how black text looks on a background with the Android color 4284221481.



This preview shows how white text looks on a background with the Android color 4284221481.

# 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**

4284221481

**Protanopia**

4281151291

**Deuteranopia**

4281871909



# Trichromacy



**Original Color**  
4284221481

**Protanomaly**  
4282261812

**Deuteranomaly**  
4282720294

**Tritanomaly**  
4284157466

# Monochromacy



**Original Color**  
4284221481

**Achromatopsia**  
4280624421

**Achromatomaly**  
4281932326

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284221481 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(92, 8, 41)` looks like.

```
.text, #text, p{  
    color:rgb(92, 8, 41)  
}
```

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(92, 8, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 8, 41) }
```

## Border

The CSS property to change the border of an element to Android 4284221481 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(92, 8, 41) }
```

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

```
.border{ border-color:rgb(92, 8, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 8, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 8, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 8, 41); box-shadow:4px  
4px 4px 4px rgb(92, 8, 41) }
```

# Background

The CSS property to change the background color of an element to Android 4284221481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 8, 41) }
```

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

```
.background{ background-color: rgb(92, 8,  
41) }
```

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