

# Converting Colors

Android(4292545843)

Have a look what the booklet for  
Android(4292545843) contains.

<b>Android(4292545843)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4292545843)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB0D33
RGB	219, 13, 51
RGB Percent	86%, 5%, 20%
CMY	0.1412, 0.9490, 0.8000
CMYK	0.00, 0.94, 0.77, 0.14
HSL	349°, 89%, 45%
HSV	349°, 94%, 86%
XYZ	29.9549, 15.5869, 4.5617
YIQ	78.9260, 110.5780, 55.4900

# Conversions

## Conversions Part 2

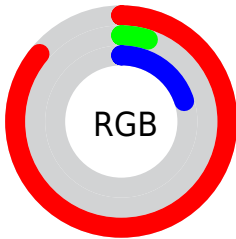
Format	Color
<a href="#">RYB</a>	<a href="#">219, 13, 51</a>
Decimal	<a href="#">14355763</a>
CIELab	<a href="#">46.43, 71.18, 38.17</a>
CIElCh	<a href="#">46, 80.766, 28.204</a>
Yxy	<a href="#">15.5869, 0.5979, 0.3111</a>
Android (android.graphics.Color)	<a href="#">4292545843 (0xFFDB0D33)</a>
YUV	<a href="#">78.9260, -13.7675, 122.8449</a>
Hunter-Lab	<a href="#">39.4803, 66.3428, 20.7855</a>

# Details

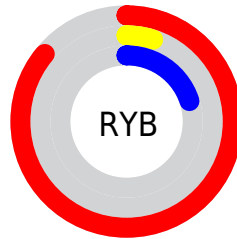
The Android color **4292545843** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4279098293**, and the grayscale version is **4283387727**.

A 20% lighter version of the original color is **4294925410**, and **4288348168** is the 20% darker color. If you saturate the color by 10%, you get **4292542504**, and if you desaturate by 10%, it is **4292551493**.

# Distribution



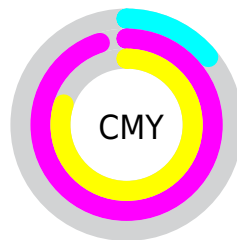
- Red (86%)
- Green (5%)
- Blue (20%)



- Red (86%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (77%)
- Black (14%)



- Cyan (14%)
- Magenta (95%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292545843 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 4292545843 by changing the saturation by 10% instead.





4292545843



4292545843

4294967295



4290445342



4294925410



4288348168



4294933115



4286251008



4294940820



4284153858



4294948271



4282253315



4294955979



4279894017



4294963687



4278190080



4292545843



4292545843



4292542504



4292551493

 4292557143

 4292562793

 4292568442

 4292574092

 4292579486

 4292585136

 4292590786

 4292596436

# Harmonies

## Analogous

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



4292673653



4292545843



4290530048

# Triad

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



4292545843



4278224155



4278221304

# Complementary

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



4292545843



4279098293

# 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.



4278224610



4292545843



4278225256

# Square

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



4292545843



4282809344



4278225581



4283653863

# Rectangle

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



4292545843



4288438528



4278225581



4278222581



# Sweetspot

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



4292545843



4294949061



4289859035



4286600284



4278190080



4286611584



# Same Dimension

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



4292545843



4294901807



4292561677



4285424485



4289527840



4281204744



# Inverse Universe

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



4292545843



4294901807



4279082459



4285424485



4289527840



4281204744



# Previews

## White Background



This preview shows how the Android color 4292545843 looks on a white background.

## Color Contrast Check

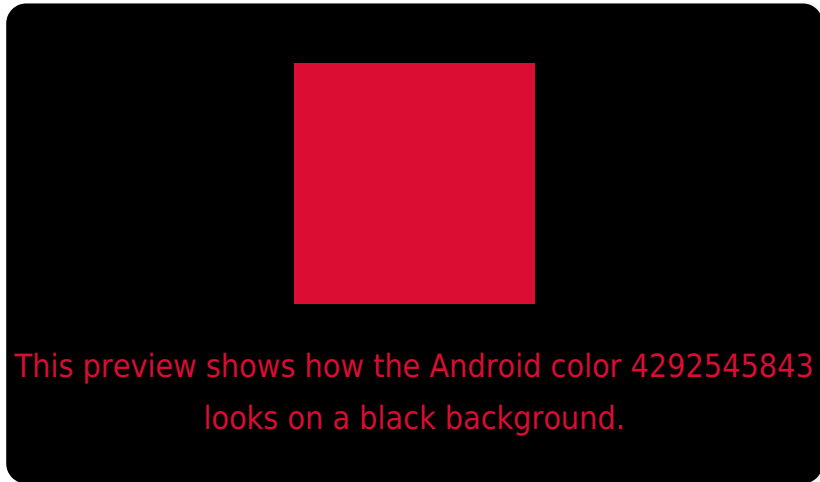
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4292545843 Background



This preview shows how black text looks on a background with the Android color 4292545843.



This preview shows how white text looks on a background with the Android color 4292545843.

# Color Blindness Simulation

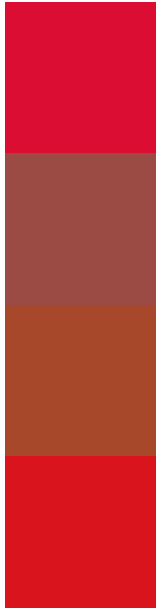
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4292545843

**Protanomaly**  
4288432964

**Deuteranomaly**  
4289218603

**Tritanomaly**  
4292482077

# Monochromacy



**Original Color**  
4292545843

**Achromatopsia**  
4283387727

**Achromatomaly**  
4286723909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292545843 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(219, 13, 51)` looks like.

```
.text, #text, p{  
    color:rgb(219, 13, 51)  
}
```

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(219, 13, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 13, 51) }
```

## Border

The CSS property to change the border of an element to Android 4292545843 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(219, 13, 51) }
```

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

```
.border{ border-color:rgb(219, 13, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 13, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 13, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 13, 51);  
box-shadow:4px 4px 4px 4px rgb(219, 13,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4292545843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 13, 51) }
```

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

```
.background{ background-color: rgb(219, 13,  
51) }
```

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