

# Converting Colors

Android(4286733123)

Have a look what the booklet for  
Android(4286733123) contains.

<b>Android(4286733123)</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(4286733123)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825B43
RGB	130, 91, 67
RGB Percent	51%, 36%, 26%
CMY	0.4902, 0.6431, 0.7373
CMYK	0.00, 0.30, 0.48, 0.49
HSL	23°, 32%, 39%
HSV	23°, 48%, 51%
XYZ	13.9601, 12.6332, 7.0129
YIQ	99.9250, 30.9480, 0.8040

# Conversions

## Conversions Part 2

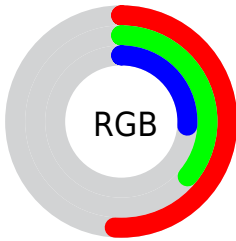
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 106, 67
Decimal	8543043
CIELab	42.21, 12.92, 20.18
CIElCh	42, 23.967, 57.373
Yxy	12.6332, 0.4154, 0.3759
Android (android.graphics.Color)	4286733123 (0xFF825B43)
YUV	99.9250, -16.2320, 26.3758
Hunter-Lab	35.5433, 7.9077, 13.1821

# Details

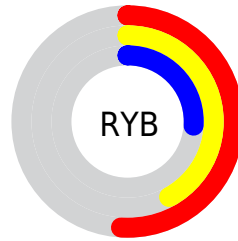
The Android color **4286733123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4282608258**, and the grayscale version is **4284769380**.

A 20% lighter version of the original color is **4290350451**, and **4283313431** is the 20% darker color. If you saturate the color by 10%, you get **4286731062**, and if you desaturate by 10%, it is **4286735184**.

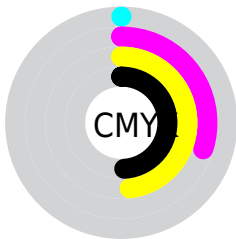
# Distribution



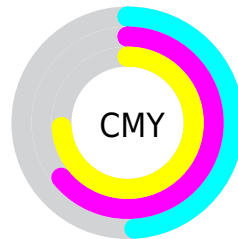
- Red (51%)
- Green (36%)
- Blue (26%)



- Red (51%)
- Yellow (42%)
- Blue (26%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286733123 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 4286733123 by changing the saturation by 10% instead.



 4286733123

 4286733123

4294967295

 4285023021

 4290350451

 4283313431

 4292192397

 4281800704

 4294099879

 4280221696

 4294959043

 4278190080

 4294966495

 4294967291

 4286733123

 4286733123

 4286731062

 4286735184

■ 4286729001

■ 4286737245

■ 4286726940

■ 4286739306

■ 4286724879

■ 4286741367

■ 4286722818

■ 4286743428

■ 4286722560

■ 4286745489

■ 4286747550

■ 4286749611

■ 4286751672

# Harmonies

## Analogous

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



4287256146



4286733123



4285686332

# Triad

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



4286733123



4281232993



4284768135

# Complementary

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



4286733123



4282608258

# 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.



4282738315



4286733123



4279922293

# Square

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



4286733123



4282870862



4280707972



4286273657

# Rectangle

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



4286733123



4284835389



4280707972



4284113545



# Sweetspot

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



4286733123



4289239439



4286727019



4283714373



4292138196



4283716692



# Same Dimension

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



4286733123



4289227847



4286741059



4282399801



4286591232



4278190080



# Inverse Universe

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



4282608258



4282876840



4282600322



4281941312



4278210432

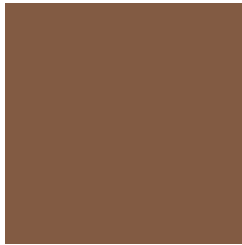


4278190080



# Previews

## White Background



This preview shows how the Android color 4286733123 looks on a white background.

## Color Contrast Check

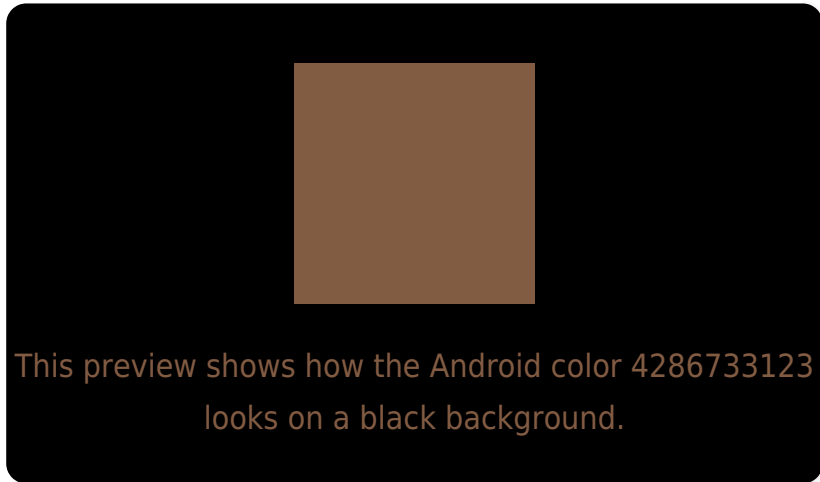
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286733123 Background



This preview shows how black text looks on a background with the Android color 4286733123.



This preview shows how white text looks on a background with the Android color 4286733123.

# 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**


4286733123

**Protanopia**

4285293639

**Deuteranopia**

4286079042



**Tritanopia**  
4286863198

# Trichromacy



**Original Color**  
4286733123

**Protanomaly**  
4285817158

**Deuteranomaly**  
4286340674

**Tritanomaly**  
4286797908

# Monochromacy



**Original Color**  
4286733123

**Achromatopsia**  
4284769380

**Achromatomaly**  
4285489496

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286733123 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(130, 91, 67)` looks like.

```
.text, #text, p{  
    color:rgb(130, 91, 67)  
}
```

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(130, 91, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 91, 67) }
```

## Border

The CSS property to change the border of an element to Android 4286733123 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(130, 91, 67) }
```

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

```
.border{ border-color:rgb(130, 91, 67) }
```

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

Here you see how a box with a 4 pixel rgb(130, 91, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 91, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 91, 67);  
box-shadow:4px 4px 4px 4px rgb(130, 91,  
67) }
```

# Background

The CSS property to change the background color of an element to Android 4286733123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 91, 67) }
```

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

```
.background{ background-color: rgb(130, 91,  
67) }
```

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