

# Converting Colors

Android(4286933004)

Have a look what the booklet for  
Android(4286933004) contains.

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# Color

**Android(4286933004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85680C
RGB	133, 104, 12
RGB Percent	52%, 41%, 5%
CMY	0.4784, 0.5922, 0.9529
CMYK	0.00, 0.22, 0.91, 0.48
HSL	46°, 83%, 28%
HSV	46°, 91%, 52%
XYZ	14.6895, 14.9137, 2.4522
YIQ	102.1830, 46.8160, -22.4640

# Conversions

## Conversions Part 2

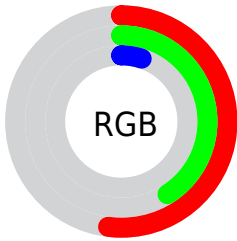
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 133, 12
Decimal	8742924
CIELab	45.52, 3.17, 49.58
CIELCh	46, 49.683, 86.342
Yxy	14.9137, 0.4583, 0.4652
Android (android.graphics.Color)	4286933004 (0xFF85680C)
YUV	102.1830, -44.4602, 27.0265
Hunter-Lab	38.6183, 0.3155, 23.2679

# Details

The Android color **4286933004** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4278987141**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4290681667**, and **4283382016** is the 20% darker color. If you saturate the color by 10%, you get **4286932224**, and if you desaturate by 10%, it is **4286933785**.

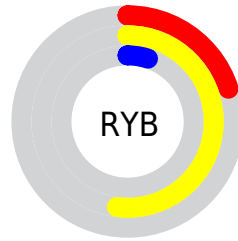
# Distribution



Red (52%)

Green (41%)

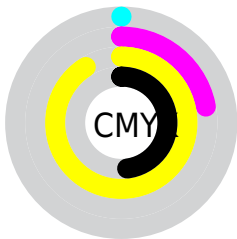
Blue (5%)



Red (20%)

Yellow (52%)

Blue (5%)

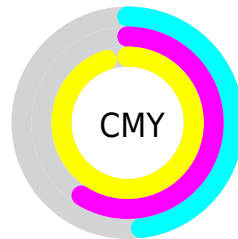


Cyan (0%)

Magenta (22%)

Yellow (91%)

Black (48%)



Cyan (48%)

Magenta (59%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286933004 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 4286933004 by changing the saturation by 10% instead.





4286933004



4286933004

4294967295



4285157376



4290681667



4283382016



4292589149



4281672704



4294562167



4280029184



4294962577



4278190080



4294967213



4294967241



4294967269



4286933004



4286933004

■ 4286932224

■ 4286933785

■ 4286934567

■ 4286935604

■ 4286936385

■ 4286937167

■ 4286937948

■ 4286938729

■ 4286939766

■ 4286940548

# Harmonies

## Analogous

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



4288960550



4286933004



4284314648

# Triad

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



4286933004



4278222735



4288237722

# Complementary

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



4286933004



4278987141

# 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.



4284638135



4286933004



4278221744

# Square

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



4286933004



4278222693



4278219455



4289938547

# Rectangle

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



4286933004



4282022446



4278219455



4287256486



# Sweetspot

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



4286933004



4289569407



4286909482



4283912251



4292269782



4283914071



# Same Dimension

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



4286933004



4289561600



4284974348



4282532156



4286735104



4278387200



# Inverse Universe

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



4278987141



4278201005



4280945797



4282137922



4278198146

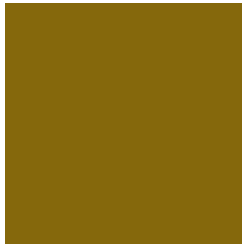


4278190339



# Previews

## White Background



This preview shows how the Android color 4286933004 looks on a white background.

## Color Contrast Check

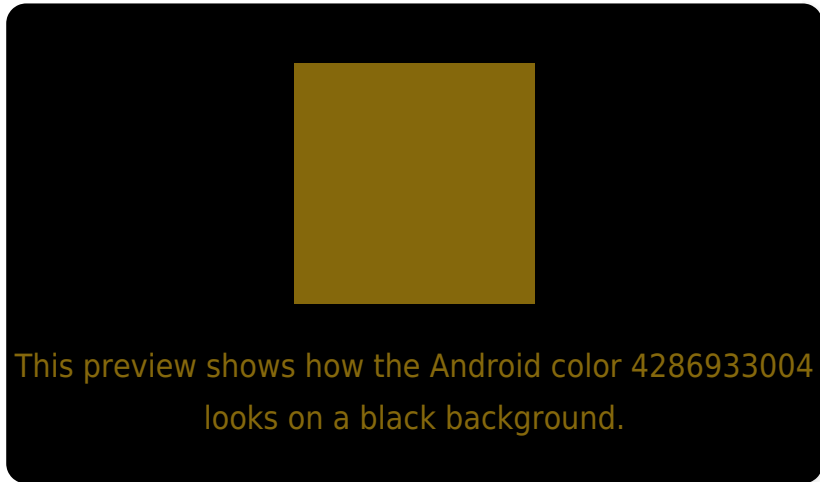
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286933004 Background



This preview shows how black text looks on a background with the Android color 4286933004.



This preview shows how white text looks on a background with the Android color 4286933004.

# 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**  
4286933004

**Protanopia**  
4286213134

**Deuteranopia**  
4287194638



# Trichromacy



**Original Color**  
4286933004

**Protanomaly**  
4286475021

**Deuteranomaly**  
4287129357

**Tritanomaly**  
4287128647

# Monochromacy



**Original Color**  
4286933004

**Achromatopsia**  
4284900966

**Achromatomaly**  
4285622085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286933004 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(133, 104, 12)` looks like.

```
.text, #text, p{  
    color:rgb(133, 104, 12)  
}
```

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(133, 104, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 104, 12) }
```

## Border

The CSS property to change the border of an element to Android 4286933004 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(133, 104, 12) }
```

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

```
.border{ border-color:rgb(133, 104, 12) }
```

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

Here you see how a box with a 4 pixel rgb(133, 104, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 104, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 104, 12);  
box-shadow:4px 4px 4px 4px rgb(133, 104,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4286933004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 104, 12) }
```

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

```
.background{ background-color: rgb(133,  
104, 12) }
```

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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