

# Converting Colors

Android(4289232694)

Have a look what the booklet for  
Android(4289232694) contains.

<b>Android(4289232694)</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(4289232694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A87F36
RGB	168, 127, 54
RGB Percent	66%, 50%, 21%
CMY	0.3412, 0.5020, 0.7882
CMYK	0.00, 0.24, 0.68, 0.34
HSL	38°, 51%, 44%
HSV	38°, 68%, 66%
XYZ	24.4037, 23.7699, 6.7919
YIQ	130.9370, 47.8690, -14.0110

# Conversions

## Conversions Part 2

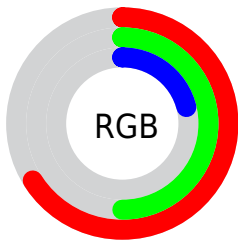
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 168, 54
Decimal	11042614
CIE <sub>Lab</sub>	55.86, 8.06, 44.57
CIE <sub>LCh</sub>	56, 45.296, 79.745
Yxy	23.7699, 0.4440, 0.4325
Android (android.graphics.Color)	4289232694 (0xFFA87F36)
YUV	130.9370, -37.9299, 32.5043
Hunter-Lab	48.7544, 4.0267, 25.8685

# Details

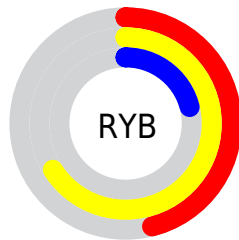
The Android color `4289232694` is a dark color, and the websafe version is hex `996633`. A complement of this color would be `4281753512`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4293047400`, and `4285550080` is the 20% darker color. If you saturate the color by 10%, you get `4289231141`, and if you desaturate by 10%, it is `4289234247`.

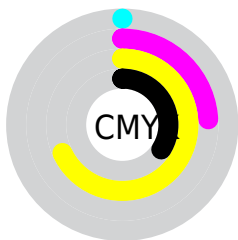
# Distribution



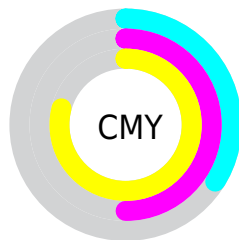
- Red (66%)
- Green (50%)
- Blue (21%)



- Red (46%)
- Yellow (66%)
- Blue (21%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289232694 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 4289232694 by changing the saturation by 10% instead.





4289232694



4289232694

4294967295



4287391261



4293047400



4285550080



4294954882



4283840256



4294962077



4282065408



4294967224



4280421888



4294967252



4278190080



4294967281



4289232694



4289232694



4289231141



4289234247

■ 4289229588

■ 4289235800

■ 4289228036

■ 4289237352

■ 4289227776

■ 4289238905

■ 4289240458

■ 4289242011

■ 4289243564

■ 4289245116

■ 4289246669

# Harmonies

## Analogous

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



4290998347



4289232694



4286811192

# Triad

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



4289232694



4278229407



4289294777

# Complementary

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



4289232694



4281753512

# 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.



4285694416



4289232694



4278228673

# Square

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



4289232694



4278229367



4278226643



4291323285

# Rectangle

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



4289232694



4284912199



4278226643



4288247491



# Sweetspot

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



4289232694



4292594863



4289214048



4285424723



4293783021



4285427310



# Same Dimension

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



4289232694



4292582186



4288260150



4283715916



4287913728



4279504128



# Inverse Universe

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



4281753512



4280969947



4282726056



4283191124



4278203796



4278191892



# Previews

## White Background



This preview shows how the Android color 4289232694 looks on a white background.

## Color Contrast Check

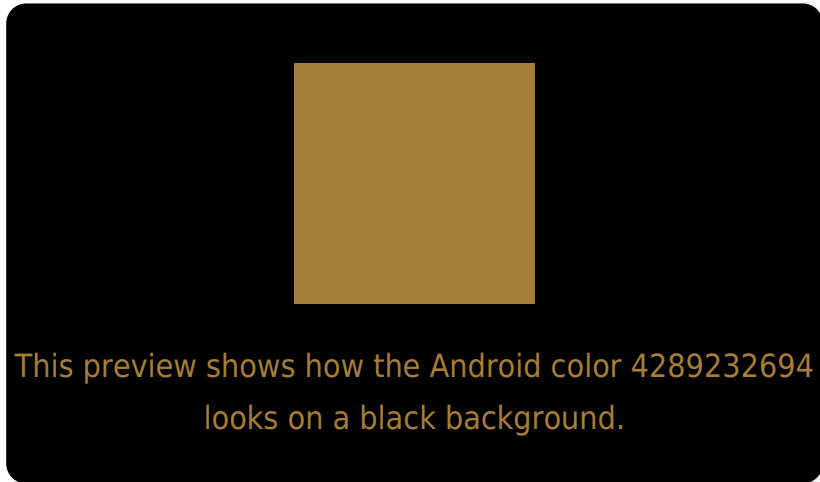
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4289232694 Background



This preview shows how black text looks on a background with the Android color 4289232694.



This preview shows how white text looks on a background with the Android color 4289232694.

# 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**  
4289232694

**Protanopia**  
4287989304

**Deuteranopia**  
4289167414



**Tritanopia**  
4289558400

# Trichromacy



**Original Color**  
4289232694

**Protanomaly**  
4288447287

**Deuteranomaly**  
4289167414

**Tritanomaly**  
4289428069

# Monochromacy



**Original Color**  
4289232694

**Achromatopsia**  
4286808963

**Achromatomaly**  
4287660647

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289232694 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(168, 127, 54)` looks like.

```
.text, #text, p{  
    color:rgb(168, 127, 54)  
}
```

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(168, 127, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 127, 54) }
```

## Border

The CSS property to change the border of an element to Android 4289232694 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(168, 127, 54) }
```

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

```
.border{ border-color:rgb(168, 127, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 127, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 127, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 127, 54);  
box-shadow:4px 4px 4px 4px rgb(168, 127,  
54) }
```

# Background

The CSS property to change the background color of an element to Android 4289232694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 127, 54) }
```

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

```
.background{ background-color: rgb(168,  
127, 54) }
```

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