

# Converting Colors

Android(4289224966)

Have a look what the booklet for  
Android(4289224966) contains.

<b>Android(4289224966)</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(4289224966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A86106
RGB	168, 97, 6
RGB Percent	66%, 38%, 2%
CMY	0.3412, 0.6196, 0.9765
CMYK	0.00, 0.42, 0.96, 0.34
HSL	34°, 93%, 34%
HSV	34°, 96%, 66%
XYZ	20.4560, 16.8874, 2.3537
YIQ	107.8550, 71.5270, -13.2490

# Conversions

## Conversions Part 2

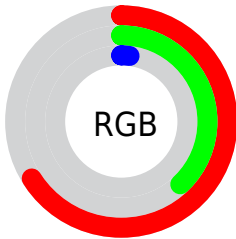
Format	Color
<a href="#">RYB</a>	<a href="#">132, 168, 6</a>
Decimal	<a href="#">11034886</a>
CIELab	<a href="#">48.12, 23.27, 54.83</a>
CIElCh	<a href="#">48, 59.567, 67.006</a>
Yxy	<a href="#">16.8874, 0.5153, 0.4254</a>
Android (android.graphics.Color)	<a href="#">4289224966</a> ( <a href="#">0xFFA86106</a> )
YUV	<a href="#">107.8550, -50.2145, 52.7472</a>
Hunter-Lab	<a href="#">41.0942, 16.9393, 25.3700</a>

# Details

The Android color **4289224966** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4278603176**, and the grayscale version is **4285295724**.

A 20% lighter version of the original color is **4293170241**, and **4285411840** is the 20% darker color. If you saturate the color by 10%, you get **4289224192**, and if you desaturate by 10%, it is **4289226775**.

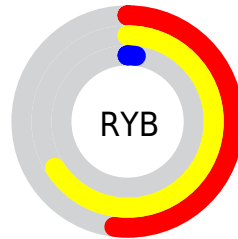
# Distribution



Red (66%)

Green (38%)

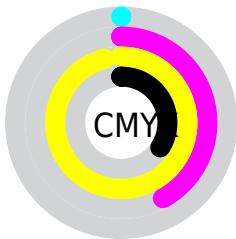
Blue (2%)



Red (52%)

Yellow (66%)

Blue (2%)

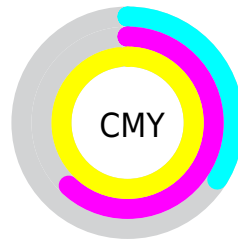


Cyan (0%)

Magenta (42%)

Yellow (96%)

Black (34%)



Cyan (34%)

Magenta (62%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289224966 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 4289224966 by changing the saturation by 10% instead.





4289224966



4289224966

4294967295



4287252736



4293170241



4285411840



4294946650



4283505664



4294953588



4281730560



4294960783



4280090625



4294967210



4278190080



4294967238



4294967267



4289224966



4289224966

■ 4289224192

■ 4289226775

■ 4289228840

■ 4289230648

■ 4289232457

■ 4289234522

■ 4289236331

■ 4289238396

■ 4289240204

■ 4289242013

# Harmonies

## Analogous

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



4291054136



4289224966



4286542848

# Triad

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



4289224966



4278225277



4286734275

# Complementary

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



4289224966



4278603176

# 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.



4278219991



4289224966



4278225070

# Square

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



4289224966



4278224713



4278223567



4290201499

# Rectangle

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



4289224966



4284316928



4278223567



4284835789



# Sweetspot

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



4289224966



4292591516



4289201743



4285422919



4293783021



4285427310



# Same Dimension

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



4289224966



4292573952



4288718854



4283715660



4287910656



4279503616



# Inverse Universe

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



4278603176



4278214875



4279109288



4283191124



4278206868

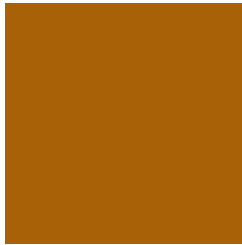


4278192404



# Previews

## White Background



This preview shows how the Android color 4289224966 looks on a white background.

## Color Contrast Check

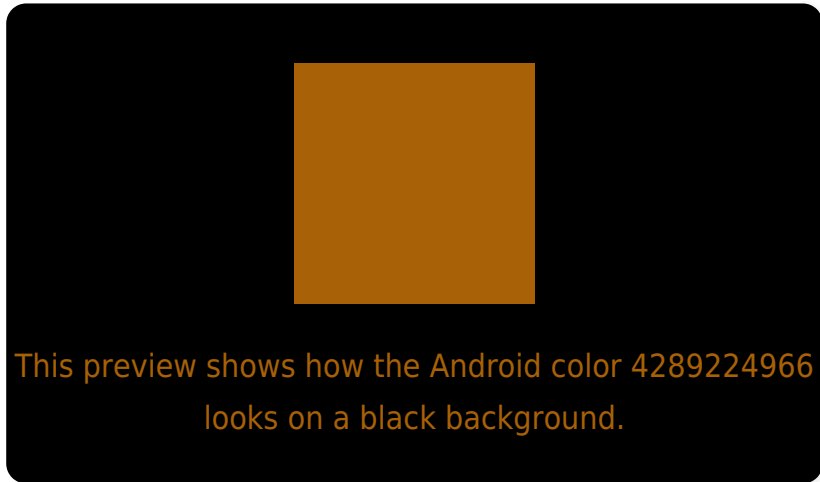
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289224966 Background



This preview shows how black text looks on a background with the Android color 4289224966.



This preview shows how white text looks on a background with the Android color 4289224966.

# 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**  
4289224966

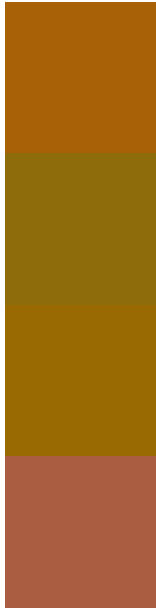
**Protanopia**  
4286673678

**Deuteranopia**  
4287720704



**Tritanopia**  
4289419873

# Trichromacy



**Original Color**  
4289224966

**Protanomaly**  
4287589387

**Deuteranomaly**  
4288243970

**Tritanomaly**  
4289355072

# Monochromacy



**Original Color**  
4289224966

**Achromatopsia**  
4285295724

**Achromatomaly**  
4286736455

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289224966 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, 97, 6)` looks like.

```
.text, #text, p{  
    color:rgb(168, 97, 6)  
}
```

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, 97, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 97, 6) }
```

## Border

The CSS property to change the border of an element to Android 4289224966 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, 97, 6) }
```

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

```
.border{ border-color:rgb(168, 97, 6) }
```

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

Here you see how a box with a 4 pixel rgb(168, 97, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 97, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 97, 6);  
box-shadow:4px 4px 4px 4px rgb(168, 97, 6)  
}
```

# Background

The CSS property to change the background color of an element to Android 4289224966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 97, 6) }
```

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

```
.background{ background-color: rgb(168, 97,  
6) }
```

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