

Converting Colors

Android(4287066201)

Have a look what the booklet for
Android(4287066201) contains.

Android(4287066201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287066201)

Conversions

Conversions Part 1

Format	Color
Hex	877059
RGB	135, 112, 89
RGB Percent	53%, 44%, 35%
CMY	0.4706, 0.5608, 0.6510
CMYK	0.00, 0.17, 0.34, 0.47
HSL	30°, 21%, 44%
HSV	30°, 34%, 53%
XYZ	17.5890, 17.4605, 11.8944
YIQ	116.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

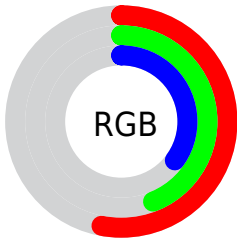
Format	Color
RYB	135, 135, 89
Decimal	8876121
CIELab	48.84, 5.47, 16.18
CIElCh	49, 17.077, 71.325
Yxy	17.4605, 0.3747, 0.3719
Android (android.graphics.Color)	4287066201 (0xFF877059)
YUV	116.2550, -13.4367, 16.4394
Hunter-Lab	41.7858, 2.0115, 12.3731

Details

The Android color **4287066201** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4284051591**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4290618507**, and **4283711531** is the 20% darker color. If you saturate the color by 10%, you get **4287064396**, and if you desaturate by 10%, it is **4287068007**.

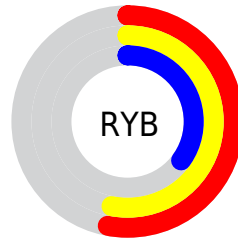
Distribution



Red (53%)

Green (44%)

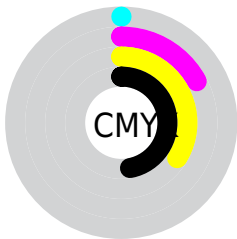
Blue (35%)



Red (53%)

Yellow (53%)

Blue (35%)

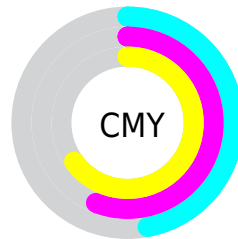


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287066201 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 4287066201 by changing the saturation by 10% instead.



4287066201



4287066201

4294967295



4285356098



4290618507



4283711531



4292460453



4282133014



4294368193



4280751616



4294965213



4278255616



4294967289



4278190080



4287066201



4287066201



4287064396



4287068007



4287062846



4287069812

■ 4287061041

■ 4287071362

■ 4287059235

■ 4287073167

■ 4287057429

■ 4287074972

■ 4287055880

■ 4287076778

■ 4287054848

■ 4287078328

■ 4287080133

■ 4287081939

Harmonies

Analogous

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



4287655010



4287066201



4286149976

Triad

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



4287066201



4283268217



4286410378

Complementary

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



4287066201



4284051591

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.



4285166480



4287066201



4283202439

Square

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



4287066201



4284054634



4283922575



4287327102

Rectangle

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



4287066201



4285495387



4283922575



4286017677

Sweetspot

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



4287066201



4289767326



4287060336



4284044367



4292467161



4284045657

Same Dimension

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



4287066201



4289760360



4287072089



4282531644



4286726400



4278386944

Inverse Universe

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



4284051591



4285041840



4284045703



4282138434



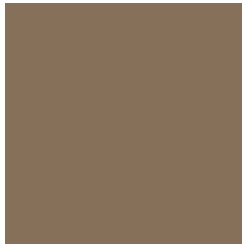
4278206850



4278190339

Previews

White Background



This preview shows how the Android color 4287066201 looks on a white background.

Color Contrast Check

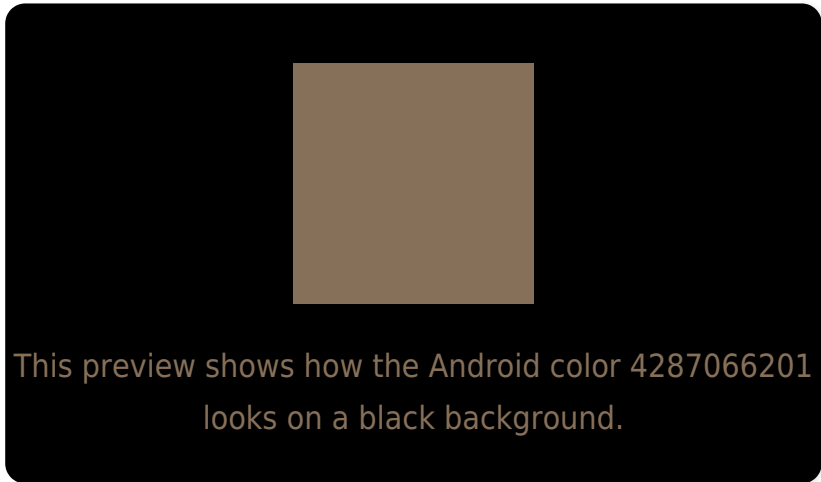
Large Text (above 18pt) WCAG AA ✓ Pass

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

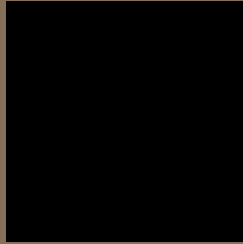
Any Text WCAG AA × Fail

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 4287066201 Background



This preview shows how black text looks on a background with the Android color 4287066201.



This preview shows how white text looks on a background with the Android color 4287066201.

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
4287066201

Protanopia
4286346331

Deuteranopia
4287131481



Tritanopia
4287261813

Trichromacy



Original Color
4287066201

Protanomaly
4286608218

Deuteranomaly
4287131481

Tritanomaly
4287196523

Monochromacy



Original Color
4287066201

Achromatopsia
4285822068

Achromatomaly
4286280554

CSS Examples

Text

The CSS property to change the color of the text to Android 4287066201 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(135, 112, 89)` looks like.

```
.text, #text, p{  
    color:rgb(135, 112, 89)  
}
```

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(135, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 112, 89) }
```

Border

The CSS property to change the border of an element to Android 4287066201 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(135, 112, 89) }
```

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

```
.border{ border-color:rgb(135, 112, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 112, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(135, 112,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4287066201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 112, 89) }
```

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

```
.background{ background-color: rgb(135,  
112, 89) }
```

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