

Converting Colors

Android(4286000772)

Have a look what the booklet for
Android(4286000772) contains.

Android(4286000772)	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(4286000772)

Conversions

Conversions Part 1

Format	Color
Hex	772E84
RGB	119, 46, 132
RGB Percent	47%, 18%, 52%
CMY	0.5333, 0.8196, 0.4824
CMYK	0.10, 0.65, 0.00, 0.48
HSL	291°, 48%, 35%
HSV	291°, 65%, 52%
XYZ	12.7496, 7.5419, 22.6135
YIQ	77.6310, 15.9020, 42.2220

Conversions

Conversions Part 2

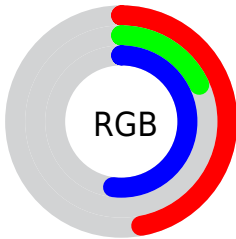
Format	Color
R_{YB}	119, 46, 132
Decimal	7810692
CIE _{Lab}	33.01, 44.70, -33.94
CIE _{LCh}	33, 56.126, 322.791
Yxy	7.5419, 0.2972, 0.1758
Android (android.graphics.Color)	4286000772 (0xFF772E84)
YUV	77.6310, 26.8039, 36.2806
Hunter-Lab	27.4625, 34.8103, -29.5977

Details

The Android color **4286000772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **4282090542**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4289618362**, and **4282581074** is the 20% darker color. If you saturate the color by 10%, you get **4285866372**, and if you desaturate by 10%, it is **4286135172**.

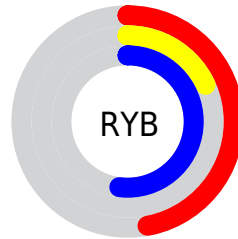
Distribution



Red (47%)

Green (18%)

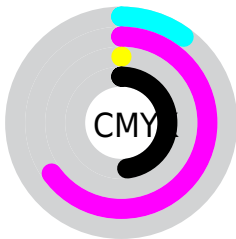
Blue (52%)



Red (47%)

Yellow (18%)

Blue (52%)

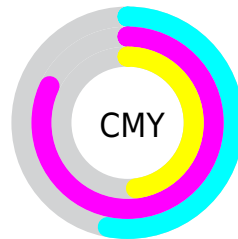


Cyan (10%)

Magenta (65%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (82%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286000772 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 4286000772 by changing the saturation by 10% instead.

 4286000772


 4286000772

4294967295

 4284289642

 4289618362

 4282581074

 4291460053

 4281073722

 4293367538

 4278911012

 4294947583

 4278190091

 4294954751

 4278190080

 4294961919

 4286000772

 4286000772

 4285866372

 4286135172

■ 4285731972

■ 4286269572

■ 4285597316

■ 4286404228

■ 4285530244

■ 4286538628

■ 4286673028

■ 4286807428

■ 4286941828

■ 4287076484

■ 4287210884

Harmonies

Analogous

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



4281026464



4286000772



4287959386

Triad

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



4286000772



4285089792



4278215023

Complementary

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



4286000772



4282090542

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.



4278214721



4286000772



4282340608

Square

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



4286000772



4287050496



4278213648



4278214292

Rectangle

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



4286000772



4288286525



4278213648



4278215008

Sweetspot

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



4286000772



4289104299



4281220228



4283712087



4292269782



4283914071

Same Dimension

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



4286000772



4288095915



4286852711



4282465346



4285399170



4278321155

Inverse Universe

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



4286852667



4289406522



4281238603



4282530877



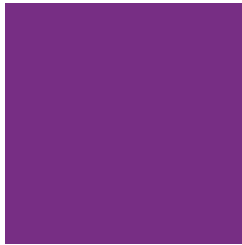
4286709780



4278386688

Previews

White Background



This preview shows how the Android color 4286000772 looks on a white background.

Color Contrast Check

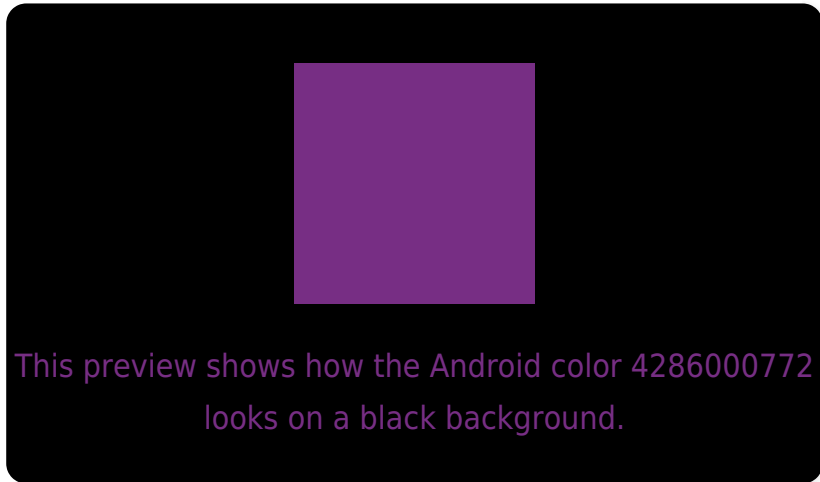
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4286000772 Background



This preview shows how black text looks on a background with the Android color 4286000772.



This preview shows how white text looks on a background with the Android color 4286000772.

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



Trichromacy



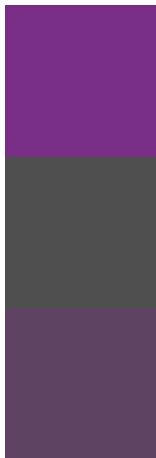
Original Color
4286000772

Protanomaly
4281024918

Deuteranomaly
4283122560

Tritanomaly
4285676125

Monochromacy



Original Color
4286000772

Achromatopsia
4283321934

Achromatomaly
4284301922

CSS Examples

Text

The CSS property to change the color of the text to Android 4286000772 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(119, 46, 132)` looks like.

```
.text, #text, p{  
    color:rgb(119, 46, 132)  
}
```

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(119, 46, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 46, 132) }
```

Border

The CSS property to change the border of an element to Android 4286000772 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(119, 46, 132) }
```

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

```
.border{ border-color:rgb(119, 46, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 46, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 46, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 46, 132);  
box-shadow:4px 4px 4px 4px rgb(119, 46,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4286000772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 46, 132) }
```

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

```
.background{ background-color: rgb(119, 46,  
132) }
```

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