

Converting Colors

Android(4286186068)

Have a look what the booklet for
Android(4286186068) contains.

Android(4286186068)	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(4286186068)

Conversions

Conversions Part 1

Format	Color
Hex	7A0254
RGB	122, 2, 84
RGB Percent	48%, 1%, 33%
CMY	0.5216, 0.9922, 0.6706
CMYK	0.00, 0.98, 0.31, 0.52
HSL	319°, 97%, 24%
HSV	319°, 98%, 48%
XYZ	9.6480, 4.8211, 8.8096
YIQ	47.2280, 45.1980, 50.9420

Conversions

Conversions Part 2

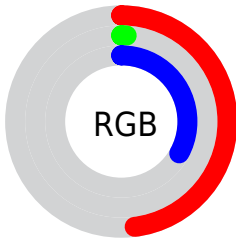
Format	Color
R_{YB}	122, 2, 84
Decimal	7995988
CIE _{Lab}	26.22, 51.26, -13.71
CIE _{LCh}	26, 53.064, 345.025
Yxy	4.8211, 0.4145, 0.2071
Android (android.graphics.Color)	4286186068 (0xFF7A0254)
YUV	47.2280, 18.1286, 65.5750
Hunter-Lab	21.9570, 40.0089, -8.4184

Details

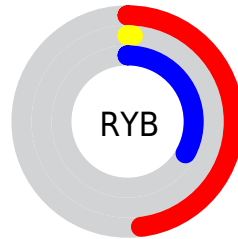
The Android color **4286186068** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **4278352424**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4289873286**, and **4282646567** is the 20% darker color. If you saturate the color by 10%, you get **4286185555**, and if you desaturate by 10%, it is **4286189144**.

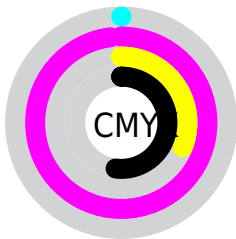
Distribution



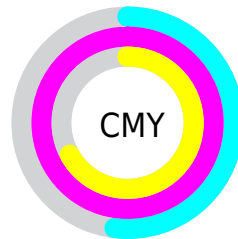
- Red (48%)
- Green (1%)
- Blue (33%)



- Red (48%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (98%)
- Yellow (31%)
- Black (52%)



- Cyan (52%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286186068 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 4286186068 by changing the saturation by 10% instead.



4286186068



4286186068

4294967295



4284416061



4289873286



4282646567



4291780768



4281073681



4293688251



4278190080



4294940375



4294947571



4294955007



4294962175



4286186068



4286186068

■ 4286185555

■ 4286189144

■ 4286192220

■ 4286195552

■ 4286198627

■ 4286201703

■ 4286204779

■ 4286207855

■ 4286211187

■ 4286214263

Harmonies

Analogous

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



4283901816



4286186068



4286709804

Triad

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



4286186068



4282073856



4278210167

Complementary

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



4286186068



4278352424

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.



4278210386



4286186068



4278209024

Square

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



4286186068



4284298496



4278209832



4278208909

Rectangle

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



4286186068



4286321426



4278209832



4278210156

Sweetspot

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



4286186068



4288573327



4280812154



4283380550



4291809231



4283387727

Same Dimension

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



4286186068



4288544876



4286186008



4282201915



4286382165



4294705325

Inverse Universe

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



4286186068



4288544876



4278352484



4282201915



4286382165



4294705325

Previews

White Background



This preview shows how the Android color 4286186068 looks on a white background.

Color Contrast Check

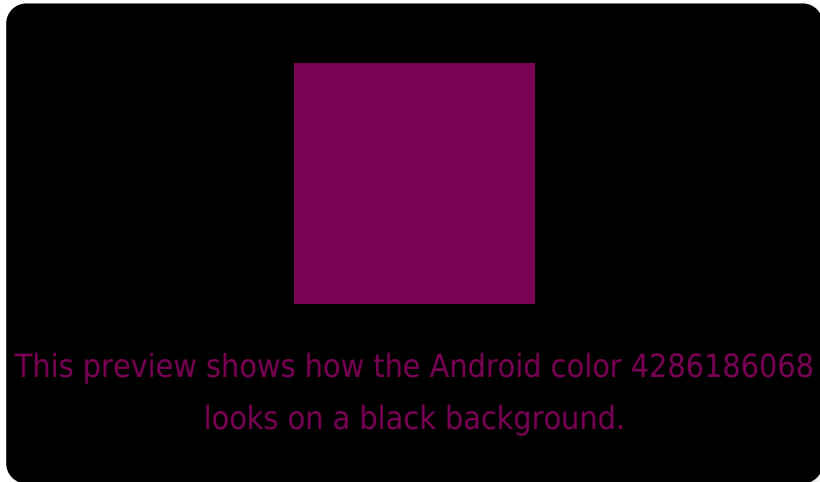
Large Text (above 18pt) WCAG AA ✓ Pass

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

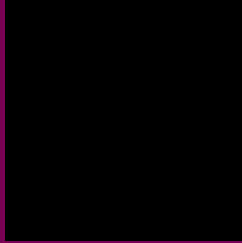
Any Text WCAG AA × Fail

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 4286186068 Background



This preview shows how black text looks on a background with the Android color 4286186068.



This preview shows how white text looks on a background with the Android color 4286186068.

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

4286186068

Protanopia

4280631416

Deuteranopia

4282466382

Trichromacy



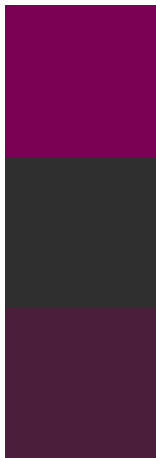
Original Color
4286186068

Protanomaly
4282657131

Deuteranomaly
4283836752

Tritanomaly
4286060085

Monochromacy



Original Color
4286186068

Achromatopsia
4281282351

Achromatomaly
4283047740

CSS Examples

Text

The CSS property to change the color of the text to Android 4286186068 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(122, 2, 84)` looks like.

```
.text, #text, p{  
    color:rgb(122, 2, 84)  
}
```

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(122, 2, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 2, 84) }
```

Border

The CSS property to change the border of an element to Android 4286186068 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(122, 2, 84) }
```

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

```
.border{ border-color:rgb(122, 2, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 2, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 2, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 2, 84);  
box-shadow:4px 4px 4px 4px rgb(122, 2, 84)  
}
```

Background

The CSS property to change the background color of an element to Android 4286186068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 2, 84) }
```

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

```
.background{ background-color: rgb(122, 2,  
84) }
```

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