

Converting Colors

Android(4285018986)

Have a look what the booklet for
Android(4285018986) contains.

Android(4285018986)	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(4285018986)

Conversions

Conversions Part 1

Format	Color
Hex	68336A
RGB	104, 51, 106
RGB Percent	41%, 20%, 42%
CMY	0.5922, 0.8000, 0.5843
CMYK	0.02, 0.52, 0.00, 0.58
HSL	298°, 35%, 31%
HSV	298°, 52%, 42%
XYZ	9.4943, 6.3513, 14.3612
YIQ	73.1170, 13.9330, 28.3410

Conversions

Conversions Part 2

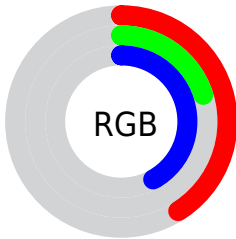
Format	Color
R_{YB}	104, 51, 106
Decimal	6828906
CIE _{Lab}	30.28, 32.50, -22.01
CIE _{LCh}	30, 39.254, 325.896
Yxy	6.3513, 0.3143, 0.2103
Android (android.graphics.Color)	4285018986 (0xFF68336A)
YUV	73.1170, 16.2113, 27.0844
Hunter-Lab	25.2018, 23.1430, -16.1450

Details

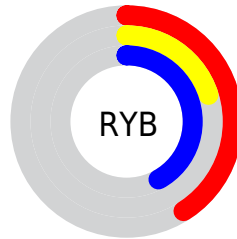
The Android color `4285018986` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4281690675`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4288504990`, and `4281795130` is the 20% darker color. If you saturate the color by 10%, you get `4285016170`, and if you desaturate by 10%, it is `4285021802`.

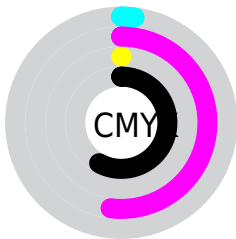
Distribution



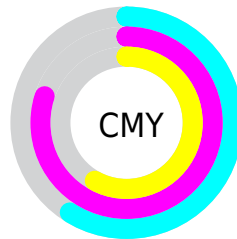
- Red (41%)
- Green (20%)
- Blue (42%)



- Red (41%)
- Yellow (20%)
- Blue (42%)



- Cyan (2%)
- Magenta (52%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285018986 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 4285018986 by changing the saturation by 10% instead.

 4285018986

 4285018986

4294967295

 4283374418

 4288504990

 4281795130

 4290280889

 4280549413

 4292122836

 4278190349

 4294030321

 4278190080

 4294955007

 4294962175

 4285018986

 4285018986

 4285016170

 4285021802

■ 4284948074

■ 4285089898

■ 4284945258

■ 4285092714

■ 4284877162

■ 4285160810

■ 4284874858

■ 4285163626

■ 4285166442

■ 4285234538

■ 4285237354

■ 4285239914

Harmonies

Analogous

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



4282335615



4285018986



4286261581

Triad

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



4285018986



4284105729



4278211937

Complementary

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



4285018986



4281690675

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.



4278211906



4285018986



4282141959

Square

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



4285018986



4285544468



4279063331



4278211450

Rectangle

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



4285018986



4286458168



4279063331



4278212183

Sweetspot

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



4285018986



4287198346



4281546346



4282660933



4291085508



4282729797

Same Dimension

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



4285018986



4287050890



4285150033



4281675830



4285595765



4293656821

Inverse Universe

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



4285150005



4287247415



4281559628



4281741360



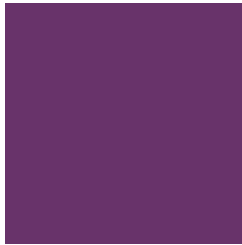
4285857796



4294246409

Previews

White Background



This preview shows how the Android color 4285018986 looks on a white background.

Color Contrast Check

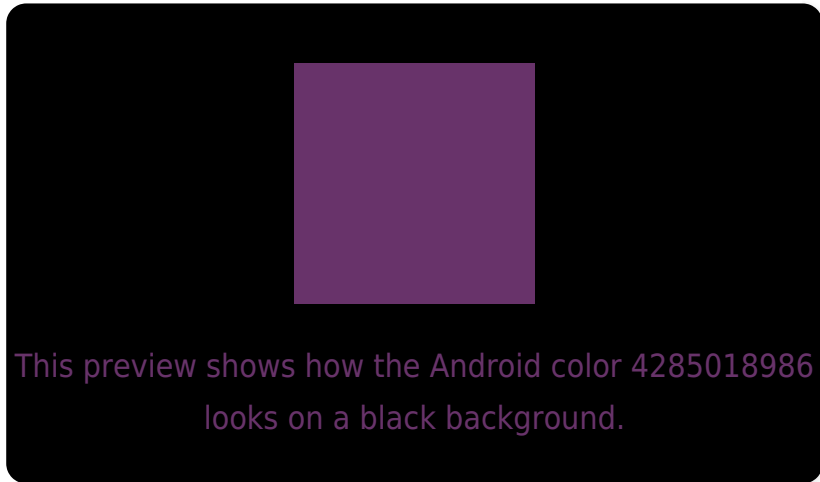
Large Text (above 18pt) WCAG AA ✓ Pass

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

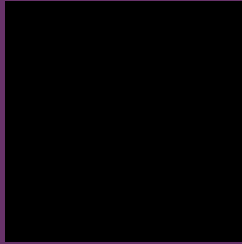
Any Text WCAG AA × Fail

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 4285018986 Background



This preview shows how black text looks on a background with the Android color 4285018986.



This preview shows how white text looks on a background with the Android color 4285018986.

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
4285018986

Protanopia
4281419387

Deuteranopia
4282206054

Trichromacy



Original Color

4285018986

Protanomaly

4282728309

Deuteranomaly

4283252839

Tritanomaly

4284823889

Monochromacy



Original Color

4285018986

Achromatopsia

4282992969

Achromatomaly

4283711829

CSS Examples

Text

The CSS property to change the color of the text to Android 4285018986 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(104, 51, 106)` looks like.

```
.text, #text, p{  
    color:rgb(104, 51, 106)  
}
```

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(104, 51, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 51, 106) }
```

Border

The CSS property to change the border of an element to Android 4285018986 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(104, 51, 106) }
```

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

```
.border{ border-color:rgb(104, 51, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 51, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 51, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 51, 106);  
box-shadow:4px 4px 4px 4px rgb(104, 51,  
106) }
```

Background

The CSS property to change the background color of an element to Android 4285018986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 51, 106) }
```

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

```
.background{ background-color: rgb(104, 51,  
106) }
```

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