

Converting Colors

Android(4284903306)

Have a look what the booklet for
Android(4284903306) contains.

Android(4284903306)	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(4284903306)

Conversions

Conversions Part 1

Format	Color
Hex	666F8A
RGB	102, 111, 138
RGB Percent	40%, 44%, 54%
CMY	0.6000, 0.5647, 0.4588
CMYK	0.26, 0.20, 0.00, 0.46
HSL	225°, 15%, 47%
HSV	225°, 26%, 54%
XYZ	15.7514, 16.0286, 26.3084
YIQ	111.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

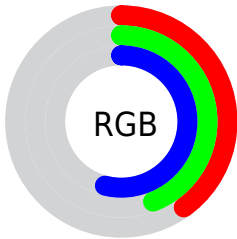
Format	Color
R_{YB}	102, 109, 138
Decimal	6713226
CIE _{Lab}	47.01, 3.04, -15.93
CIE _{LCh}	47, 16.214, 280.793
Yxy	16.0286, 0.2712, 0.2759
Android (android.graphics.Color)	4284903306 (0xFF666F8A)
YUV	111.3870, 13.1202, -8.2324
Hunter-Lab	40.0358, 0.1651, -10.9357

Details

The Android color `4284903306` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287267174`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288324543`, and `4281745240` is the 20% darker color. If you saturate the color by 10%, you get `4283983242`, and if you desaturate by 10%, it is `4285823370`.

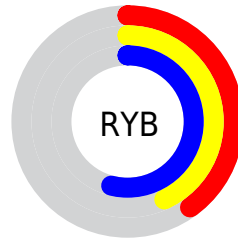
Distribution



Red (40%)

Green (44%)

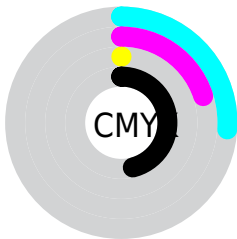
Blue (54%)



Red (40%)

Yellow (43%)

Blue (54%)

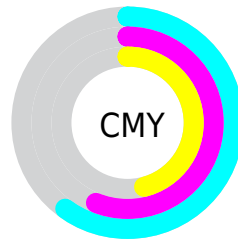


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (46%)



Cyan (60%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284903306 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 4284903306 by changing the saturation by 10% instead.



4284903306



4284903306

4294967295



4283324273



4288324543



4281745240



4290100955



4280232513



4291877368



4278785322



4293785343



4278190358



4278190080



4284903306



4284903306



4283983242



4285823370



4283062922



4286743690

■ 4282208394

■ 4287598218

■ 4281288330

■ 4288518282

■ 4280368010

■ 4289438602

■ 4279447946

■ 4290358666

■ 4278527882

■ 4291278730

■ 4278199178

■ 4292133514

■ 4293053578

Harmonies

Analogous

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



4283724681



4284903306



4286081668

Triad

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



4284903306



4287260766



4283856742

Complementary

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



4284903306



4287267174

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.



4284839003



4284903306



4286737494

Square

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



4284903306



4287325803



4285886549



4283135860

Rectangle

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



4284903306



4286670973



4285886549



4284184162

Sweetspot

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



4284903306



4288981171



4284910209



4283454297



4292467161



4284045657

Same Dimension

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



4284903306



4286286259



4285490826



4282269765



4278198661



4278190341

Inverse Universe

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



4287260271



4289952649



4286679654



4282728000



4286906401



4278517761

Previews

White Background



This preview shows how the Android color 4284903306 looks on a white background.

Color Contrast Check

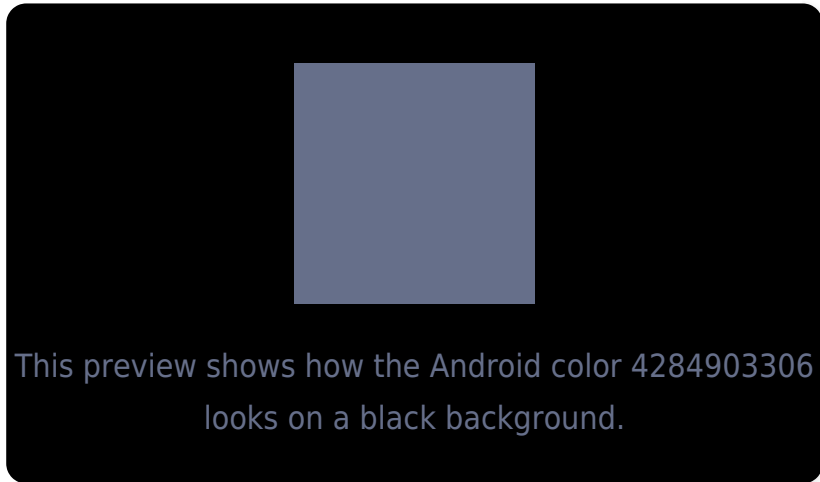
Large Text (above 18pt) WCAG AA ✓ Pass

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

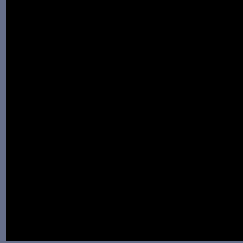
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

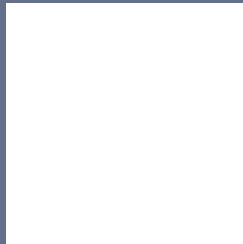
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284903306 Background



This preview shows how black text looks on a background with the Android color 4284903306.



This preview shows how white text looks on a background with the Android color 4284903306.

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
4284903306

Protanopia
4285099657

Deuteranopia
4285296010

Trichromacy



Original Color

4284903306

Protanomaly

4285034121

Deuteranomaly

4285165194

Tritanomaly

4284772736

Monochromacy



Original Color

4284903306

Achromatopsia

4285493103

Achromatomaly

4285296505

CSS Examples

Text

The CSS property to change the color of the text to Android 4284903306 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(102, 111, 138)` looks like.

```
.text, #text, p{  
    color:rgb(102, 111, 138)  
}
```

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(102, 111, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 111, 138) }
```

Border

The CSS property to change the border of an element to Android 4284903306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

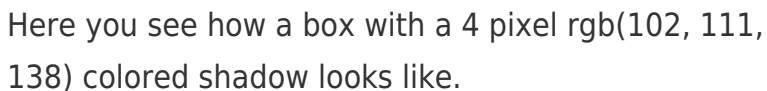
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 111, 138) }
```

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

```
.border{ border-color:rgb(102, 111, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 111, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 111, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 111, 138); box-shadow:4px 4px 4px 4px rgb(102, 111, 138) }
```

Background

The CSS property to change the background color of an element to Android 4284903306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 111, 138) }
```

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

```
.background{ background-color: rgb(102,  
111, 138) }
```

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