

Converting Colors

Android(4281893986)

Have a look what the booklet for
Android(4281893986) contains.

Android(4281893986)	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(4281893986)

Conversions

Conversions Part 1

Format	Color
Hex	388462
RGB	56, 132, 98
RGB Percent	22%, 52%, 38%
CMY	0.7804, 0.4824, 0.6157
CMYK	0.58, 0.00, 0.26, 0.48
HSL	153°, 40%, 37%
HSV	153°, 58%, 52%
XYZ	12.0868, 18.2251, 14.4360
YIQ	105.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

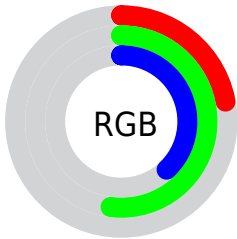
Format	Color
RYB	56, 105, 132
Decimal	3703906
CIELab	49.77, -32.05, 11.41
CIELCh	50, 34.018, 160.401
Yxy	18.2251, 0.2701, 0.4073
Android (android.graphics.Color)	4281893986 (0xFF388462)
YUV	105.4000, -3.6482, -43.3238
Hunter-Lab	42.6909, -24.1717, 9.8346

Details

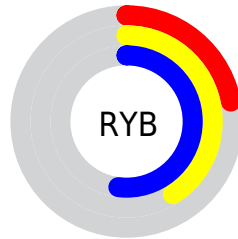
The Android color **4281893986** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4286855258**, and the grayscale version is **4285098345**.

A 20% lighter version of the original color is **4285446805**, and **4278211123** is the 20% darker color. If you saturate the color by 10%, you get **4281042012**, and if you desaturate by 10%, it is **4282745960**.

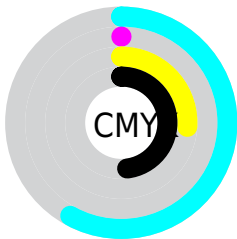
Distribution



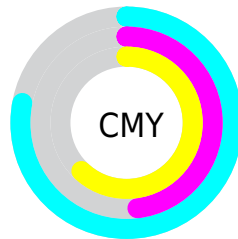
- Red (22%)
- Green (52%)
- Blue (38%)



- Red (22%)
- Yellow (41%)
- Blue (52%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (48%)



- Cyan (78%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281893986 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 4281893986 by changing the saturation by 10% instead.



4281893986



4281893986

4294967295



4279986762



4285446805



4278211123



4287223471



4278204958



4289000139



4278199558



4290838503



4278190080



4292739071



4294639615



4281893986



4281893986



4281042012



4282745960

■ 4280190038

■ 4283597934

■ 4279272528

■ 4284515444

■ 4278420554

■ 4285367418

■ 4278223945

■ 4286219392

■ 4287071365

■ 4287923339

■ 4288840849

■ 4289692823

Harmonies

Analogous

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



4284448585



4281893986



4278224256

Triad

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



4281893986



4284184239



4289291346

Complementary

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



4281893986



4286855258

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.



4289617773



4281893986



4286999458

Square

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



4281893986



4279599020



4288832138



4288179776

Rectangle

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



4281893986



4278224275



4288832138



4289487451

Sweetspot

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



4281893986



4287540126



4284122168



4282734415



4292269782



4283914071

Same Dimension

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



4281893986



4281707382



4281892996



4282139199



4278223432



4278190849

Inverse Universe

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



4286855258



4289410410



4286856248



4282530879



4286709818



4278386689

Previews

White Background



This preview shows how the Android color 4281893986 looks on a white background.

Color Contrast Check

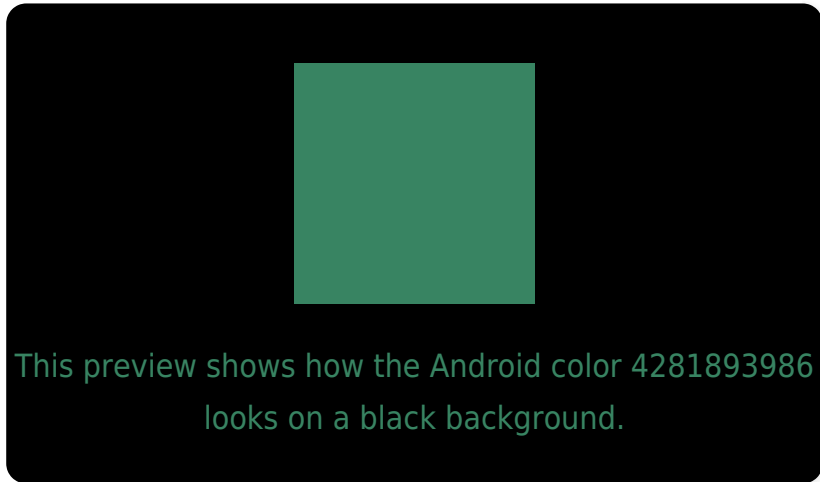
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4281893986 Background



This preview shows how black text looks on a background with the Android color 4281893986.



This preview shows how white text looks on a background with the Android color 4281893986.

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

4281893986

Protanopia

4286477659

Deuteranopia

4287066470

Trichromacy



Original Color
4281893986

Protanomaly
4284840542

Deuteranomaly
4285167717

Tritanomaly
4282417531

Monochromacy



Original Color
4281893986

Achromatopsia
4285098345

Achromatomaly
4283921254

CSS Examples

Text

The CSS property to change the color of the text to Android 4281893986 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(56, 132, 98)` looks like.

```
.text, #text, p{  
    color:rgb(56, 132, 98)  
}
```

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(56, 132, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 132, 98) }
```

Border

The CSS property to change the border of an element to Android 4281893986 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(56, 132, 98) }
```

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

```
.border{ border-color:rgb(56, 132, 98) }
```

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

Here you see how a box with a 4 pixel rgb(56, 132, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 132, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 132, 98);  
box-shadow:4px 4px 4px 4px rgb(56, 132,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4281893986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 132, 98) }
```

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

```
.background{ background-color: rgb(56, 132,  
98) }
```

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