

Converting Colors

Android(4284743680)

Have a look what the booklet for
Android(4284743680) contains.

Android(4284743680)	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(4284743680)

Conversions

Conversions Part 1

Format	Color
Hex	640000
RGB	100, 0, 0
RGB Percent	39%, 0%, 0%
CMY	0.6078, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.61
HSL	0°, 100%, 20%
HSV	0°, 100%, 39%
XYZ	5.2555, 2.7093, 0.2460
YIQ	29.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

Format	Color
RYB	100, 0, 0
Decimal	6553600
CIELab	18.84, 40.31, 28.96
CIElCh	19, 49.640, 35.697
Yxy	2.7093, 0.6401, 0.3300
Android (android.graphics.Color)	4284743680 (0xFF640000)
YUV	29.9000, -14.7407, 61.4777
Hunter-Lab	16.4600, 28.1883, 10.6361

Details

The Android color **4284743680** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **4278215780**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4288559919**, and **4281270274** is the 20% darker color. If you saturate the color by 10%, you get **4284743680**, and if you desaturate by 10%, it is **4284746250**.

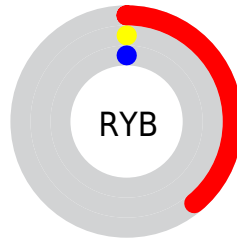
Distribution



Red (39%)

Green (0%)

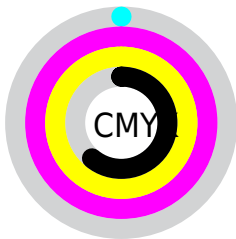
Blue (0%)



Red (39%)

Yellow (0%)

Blue (0%)

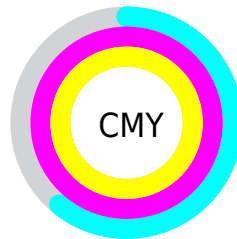


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284743680 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 4284743680 by changing the saturation by 10% instead.

 4284743680

 4284743680

 4294965730

 4282843136

 4288559919

 4281270274

 4290467141

 4278190080

 4292439645

 4294478198

 4294943888

 4294951082

 4294958278

 4284743680

■ 4284746250

■ 4284748820

■ 4284751390

■ 4284753960

■ 4284756530

■ 4284759100

■ 4284761670

■ 4284764240

■ 4284766810

Harmonies

Analogous

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



4285136937



4284743680



4283441152

Triad

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



4284743680



4278204941



4278202743

Complementary

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



4284743680



4278215780

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.



4278204784



4284743680



4278205492

Square

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



4284743680



4278662912



4278205528



4281475177

Rectangle

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



4284743680



4282264320



4278205528



4278203767

Sweetspot

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



4284743680



4286733147



4284743780



4282526250



4290953922



4282532418

Same Dimension

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



4284743680



4286709760



4284756480



4281544238



4285726720



4294049792

Inverse Universe

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



4278215780



4278223490



4278202980



4281217843



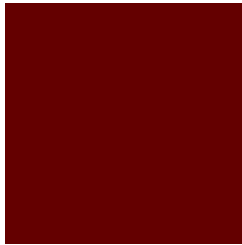
4278219635



4278252274

Previews

White Background



This preview shows how the Android color 4284743680 looks on a white background.

Color Contrast Check

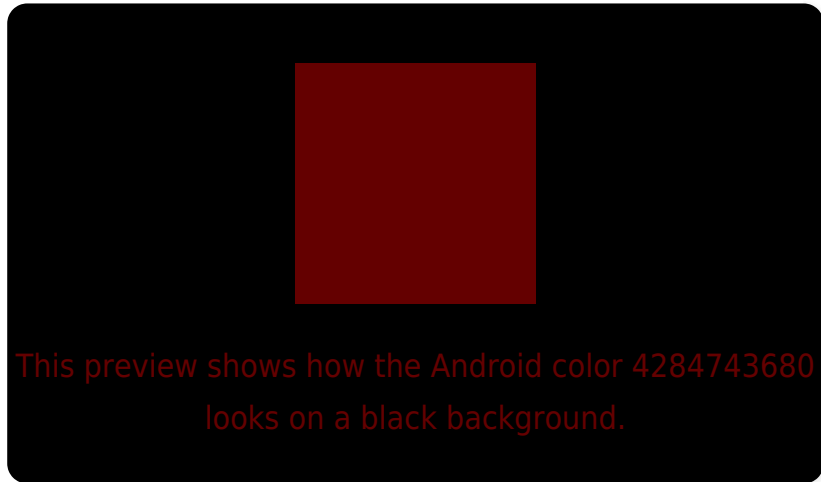
Large Text (above 18pt) WCAG AA ✓ Pass

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

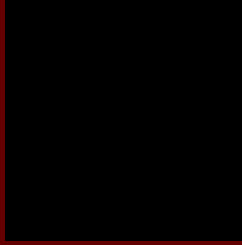
Any Text WCAG AA × Fail

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 4284743680 Background



This preview shows how black text looks on a background with the Android color 4284743680.



This preview shows how white text looks on a background with the Android color 4284743680.

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

4284743680

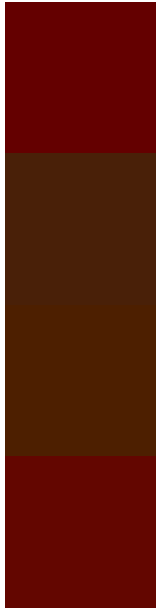
Protanopia

4281938701

Deuteranopia

4282396672

Trichromacy



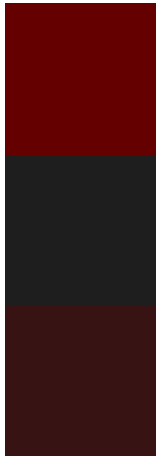
Original Color
4284743680

Protanomaly
4282982408

Deuteranomaly
4283244288

Tritanomaly
4284679680

Monochromacy



Original Color
4284743680

Achromatopsia
4280163870

Achromatomaly
4281799443

CSS Examples

Text

The CSS property to change the color of the text to Android 4284743680 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(100, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 0)  
}
```

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(100, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 0) }
```

Border

The CSS property to change the border of an element to Android 4284743680 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(100, 0, 0) }
```

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

```
.border{ border-color:rgb(100, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(100, 0, 0); box-shadow:4px  
4px 4px 4px rgb(100, 0, 0) }
```

Background

The CSS property to change the background color of an element to Android 4284743680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 0) }
```

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

```
.background{ background-color: rgb(100, 0,  
0) }
```

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