

Converting Colors

Android(4278600704)

Have a look what the booklet for
Android(4278600704) contains.

Android(4278600704)	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(4278600704)

Conversions

Conversions Part 1

Format	Color
Hex	064400
RGB	6, 68, 0
RGB Percent	2%, 27%, 0%
CMY	0.9765, 0.7333, 1.0000
CMYK	0.91, 0.00, 1.00, 0.73
HSL	115°, 100%, 13%
HSV	115°, 100%, 27%
XYZ	2.1422, 4.1730, 0.6926
YIQ	41.7100, -15.1240, -34.2920

Conversions

Conversions Part 2

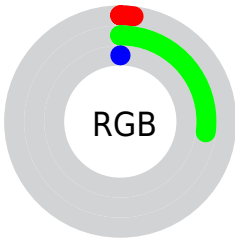
Format	Color
RYB	0, 68, 62
Decimal	410624
CIELab	24.24, -32.19, 31.88
CIELCh	24, 45.305, 135.280
Yxy	4.1730, 0.3057, 0.5955
Android (android.graphics.Color)	4278600704 (0xFF064400)
YUV	41.7100, -20.5630, -31.3177
Hunter-Lab	20.4278, -17.0298, 12.2894

Details

The Android color **4278600704** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282253380**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4282348848**, and **4278195968** is the 20% darker color. If you saturate the color by 10%, you get **4278600704**, and if you desaturate by 10%, it is **4278993927**.

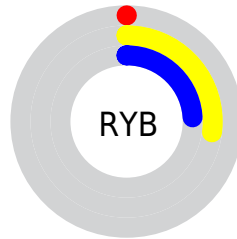
Distribution



Red (2%)

Green (27%)

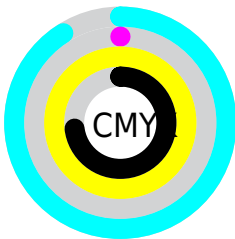
Blue (0%)



Red (0%)

Yellow (27%)

Blue (24%)

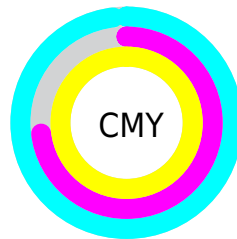


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (98%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278600704 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 4278600704 by changing the saturation by 10% instead.

 4278600704

 4278600704

 4294901735

 4278201600

 4282348848

 4278195968

 4283993928

 4278190080

 4285704801

 4287481210

 4289257876

 4291100335

 4293001163

 4278600704

■ 4278993927

■ 4279387150

■ 4279845908

■ 4280239131

■ 4280632354

■ 4281025577

■ 4281418800

■ 4281877558

■ 4282270781

Harmonies

Analogous

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



4281875712



4278600704



4278208295

Triad

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



4278600704



4278207100



4285795626

Complementary

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



4278600704



4282253380

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.



4285337932



4278600704



4278204540

Square

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



4278600704



4278208362



4283443050



4285210631

Rectangle

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



4278600704



4278208575



4283443050



4285794869

Sweetspot

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



4278600704



4282472766



4282662144



4280233501



4289572269



4281216558

Same Dimension

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



4278600704



4278737152



4278207515



4280164638



4278804736



4279558144

Inverse Universe

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



4282253380



4283498585



4282646569



4280360481



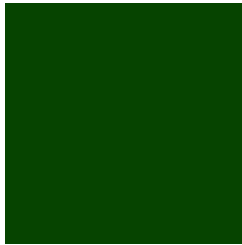
4283957345



4291625184

Previews

White Background



This preview shows how the Android color 4278600704 looks on a white background.

Color Contrast Check

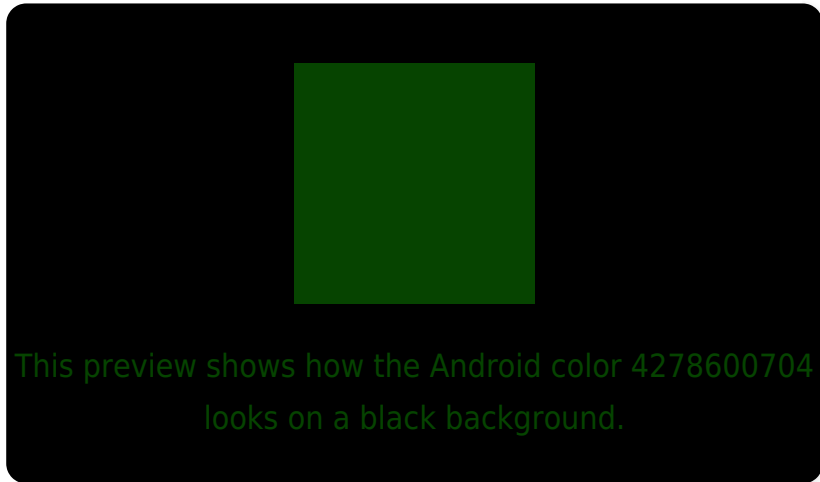
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278600704 Background



This preview shows how black text looks on a background with the Android color 4278600704.



This preview shows how white text looks on a background with the Android color 4278600704.

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
4278600704

Protanopia
4282530304

Deuteranopia
4282988303

Trichromacy



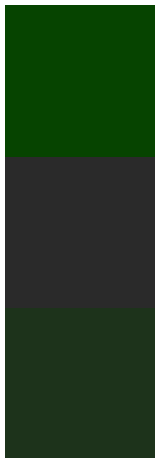
Original Color
4278600704

Protanomaly
4281089536

Deuteranomaly
4281416714

Tritanomaly
4279583019

Monochromacy



Original Color
4278600704

Achromatopsia
4280953386

Achromatomaly
4280103707

CSS Examples

Text

The CSS property to change the color of the text to Android 4278600704 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(6, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(6, 68, 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(6, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 68, 0) }
```

Border

The CSS property to change the border of an element to Android 4278600704 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(6, 68, 0) }
```

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

```
.border{ border-color:rgb(6, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 68, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 68, 0); box-shadow:4px  
4px 4px 4px rgb(6, 68, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278600704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 68, 0) }
```

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

```
.background{ background-color: rgb(6, 68,  
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