

Converting Colors

Android(4278207747)

Have a look what the booklet for
Android(4278207747) contains.

| | |
|--|----|
| Android(4278207747) | 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(4278207747)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004503 |
| RGB | 0, 69, 3 |
| RGB Percent | 0%, 27%, 1% |
| CMY | 1.0000, 0.7294, 0.9882 |
| CMYK | 1.00, 0.00, 0.96, 0.73 |
| HSL | 123°, 100%, 14% |
| HSV | 123°, 100%, 27% |
| XYZ | 2.1446, 4.2628, 0.7959 |
| YIQ | 40.8450, -19.9380, -35.1540 |

Conversions

Conversions Part 2

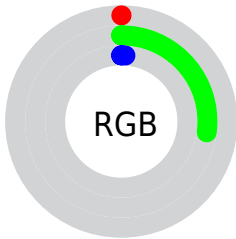
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 66, 69 |
| Decimal | 17667 |
| CIELab | 24.52, -33.38, 30.89 |
| CIELCh | 25, 45.480, 137.211 |
| Yxy | 4.2628, 0.2977, 0.5918 |
| Android (android.graphics.Color) | 4278207747 (0xFF004503) |
| YUV | 40.8450, -18.6576, -35.8211 |
| Hunter-Lab | 20.6466, -17.5908, 12.1670 |

Details

The Android color **4278207747** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282712130**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282152499**, and **4278196224** is the 20% darker color. If you saturate the color by 10%, you get **4278207747**, and if you desaturate by 10%, it is **4278666506**.

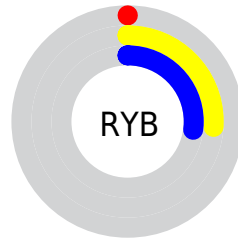
Distribution



Red (0%)

Green (27%)

Blue (1%)



Red (0%)

Yellow (26%)

Blue (27%)

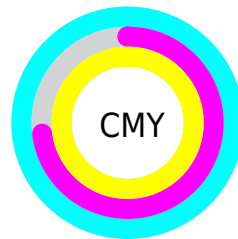


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (73%)



Cyan (100%)

Magenta (73%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207747 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 4278207747 by changing the saturation by 10% instead.

 4278207747

 4278207747

 4294705130

 4278201856

 4282152499

 4278196224

 4283863115

 4278190080

 4285573987

 4287284861

 4289127319

 4290969522

 4292804558

 4278207747

■ 4278666506

■ 4279125264

■ 4279584023

■ 4280042781

■ 4280501540

■ 4280894763

■ 4281353521

■ 4281812280

■ 4282271038

Harmonies

Analogous

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



4281810688



4278207747



4278208554

Triad

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



4278207747



4278207358



4285861416

Complementary

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



4278207747



4282712130

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.



4285469002



4278207747



4278204541

Square

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



4278207747



4278208620



4283639401



4285145605

Rectangle

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



4278207747



4278208834



4283639401



4285860660

Sweetspot

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



4278207747



4282276160



4282598656



4280102430



4289572269



4281216558

Same Dimension

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



4278207747



4278212868



4278207781



4280296480



4278215428



4278248202

Inverse Universe

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



4282712130



4284022869



4282712096



4280557604



4284678239



4293066969

Previews

White Background



This preview shows how the Android color 4278207747 looks on a white background.

Color Contrast Check

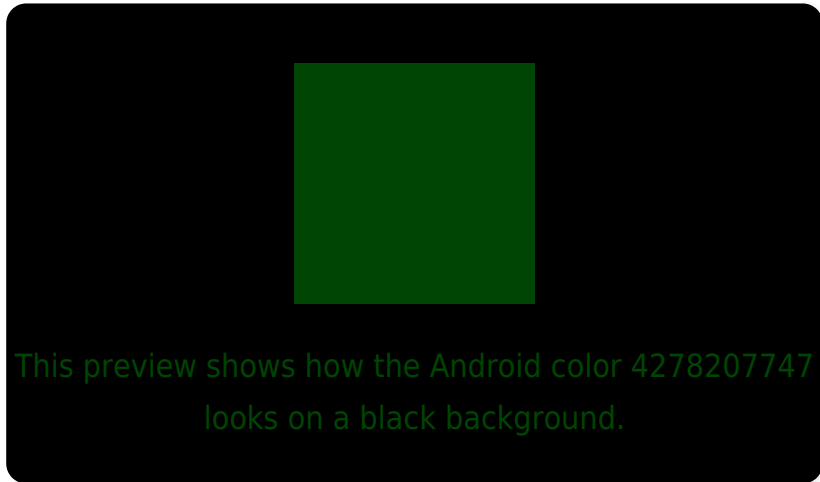
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207747 Background



This preview shows how black text looks on a background with the Android color 4278207747.



This preview shows how white text looks on a background with the Android color 4278207747.

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
4278207747

Protanopia
4282530560

Deuteranopia
4283054095

Trichromacy



Original Color

4278207747

Protanomaly

4280958721

Deuteranomaly

4281285899

Tritanomaly

4279386669

Monochromacy



Original Color

4278207747

Achromatopsia

4280887593

Achromatomaly

4279907099

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207747 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(0, 69, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 3)  
}
```

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(0, 69, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 3) }
```

Border

The CSS property to change the border of an element to Android 4278207747 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(0, 69, 3) }
```

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

```
.border{ border-color:rgb(0, 69, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 3); box-shadow:4px  
4px 4px 4px rgb(0, 69, 3) }
```

Background

The CSS property to change the background color of an element to Android 4278207747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 3) }
```

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

```
.background{ background-color: rgb(0, 69,  
3) }
```

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