

Converting Colors

Android(4278270771)

Have a look what the booklet for
Android(4278270771) contains.

Android(4278270771)	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(4278270771)

Conversions

Conversions Part 1

Format	Color
Hex	013B33
RGB	1, 59, 51
RGB Percent	0%, 23%, 20%
CMY	0.9961, 0.7686, 0.8000
CMYK	0.98, 0.00, 0.14, 0.77
HSL	172°, 97%, 12%
HSV	172°, 98%, 23%
XYZ	2.1740, 3.3734, 3.6685
YIQ	40.7460, -32.0000, -14.7840

Conversions

Conversions Part 2

Format	Color
R_YB	1, 32, 59
Decimal	80691
CIE Lab	21.48, -19.63, 0.03
CIE LCh	21, 19.626, 179.922
Yxy	3.3734, 0.2359, 0.3660
Android (android.graphics.Color)	4278270771 (0xFF013B33)
YUV	40.7460, 5.0552, -34.8572
Hunter-Lab	18.3668, -11.0134, 1.0144

Details

The Android color **4278270771** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282056969**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4281887585**, and **4278192645** is the 20% darker color. If you saturate the color by 10%, you get **4278205235**, and if you desaturate by 10%, it is **4278663988**.

Distribution



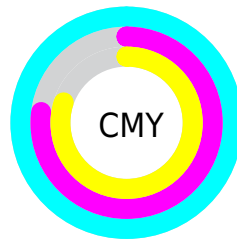
- Red (0%)
- Green (23%)
- Blue (20%)



- Red (0%)
- Yellow (13%)
- Blue (23%)



- Cyan (98%)
- Magenta (0%)
- Yellow (14%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278270771 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 4278270771 by changing the saturation by 10% instead.

 4278270771

 4278270771

 4294246399

 4278199582

 4281887585

 4278192645

 4283532410

 4278190080

 4285243028


 4286953902

 4288730570

 4290507494

 4292345855

 4278270771

 4278270771

■ 4278205235

■ 4278663988

■ 4279057205

■ 4279450421

■ 4279843638

■ 4280171319

■ 4280564536

■ 4280957753

■ 4281350970

■ 4281744186

Harmonies

Analogous

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



4280039972



4278270771



4278205250

Triad

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



4278270771



4281675853



4282920475

Complementary

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



4278270771



4282056969

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.



4283377958



4278270771



4282723138

Square

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



4278270771



4280038736



4283312180



4282135318

Rectangle

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



4278270771



4278205001



4283312180



4283116574

Sweetspot

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



4278270771



4281748809



4278860545



4279838244



4289111718



4280690214

Same Dimension

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



4278270771



4278209858



4278265659



4280033054



4278214225



4278247103

Inverse Universe

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



4282056969



4283236363



4282062081



4280228892



4284350477



4292739103

Previews

White Background



This preview shows how the Android color 4278270771 looks on a white background.

Color Contrast Check

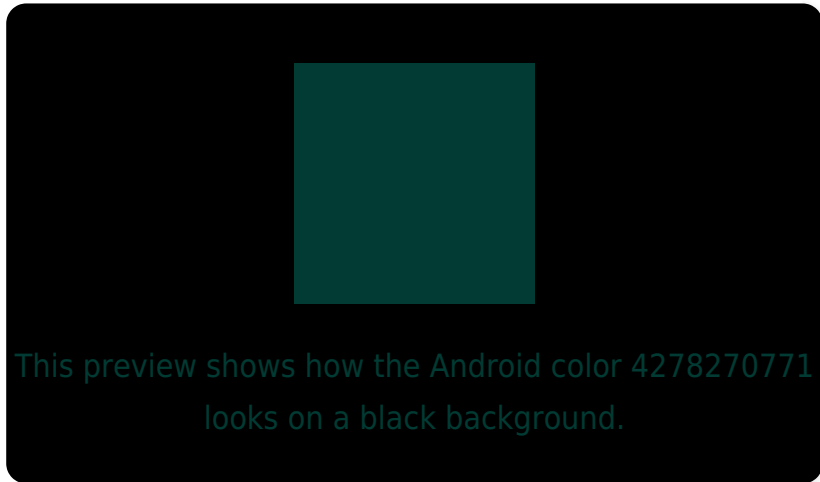
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278270771 Background



This preview shows how black text looks on a background with the Android color 4278270771.



This preview shows how white text looks on a background with the Android color 4278270771.

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](#).

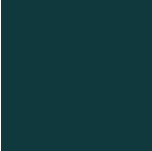
Dichromacy



Original Color
4278270771

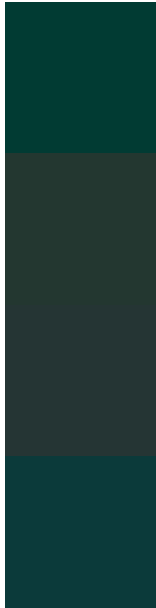
Protanopia
4281742383

Deuteranopia
4281938485



Tritanopia
4279253310

Trichromacy



Original Color
4278270771

Protanomaly
4280497968

Deuteranomaly
4280628532

Tritanomaly
4278925882

Monochromacy



Original Color
4278270771

Achromatopsia
4280887593

Achromatomaly
4279906349

CSS Examples

Text

The CSS property to change the color of the text to Android 4278270771 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(1, 59, 51)` looks like.

```
.text, #text, p{  
    color:rgb(1, 59, 51)  
}
```

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(1, 59, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 59, 51) }
```

Border

The CSS property to change the border of an element to Android 4278270771 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(1, 59, 51) }
```

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

```
.border{ border-color:rgb(1, 59, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 59, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 59, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 59, 51); box-shadow:4px  
4px 4px 4px rgb(1, 59, 51) }
```

Background

The CSS property to change the background color of an element to Android 4278270771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 59, 51) }
```

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

```
.background{ background-color: rgb(1, 59,  
51) }
```

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