

Converting Colors

Android(4278400797)

Have a look what the booklet for
Android(4278400797) contains.

Android(4278400797)	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(4278400797)

Conversions

Conversions Part 1

Format	Color
Hex	03371D
RGB	3, 55, 29
RGB Percent	1%, 22%, 11%
CMY	0.9882, 0.7843, 0.8863
CMYK	0.95, 0.00, 0.47, 0.78
HSL	150°, 90%, 11%
HSV	150°, 95%, 22%
XYZ	1.6255, 2.8404, 1.6250
YIQ	36.4880, -22.6460, -19.1100

Conversions

Conversions Part 2

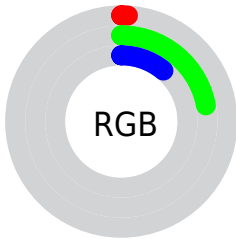
Format	Color
R_{YB}	3, 38, 55
Decimal	210717
CIE _{Lab}	19.39, -23.74, 11.78
CIE _{LCh}	19, 26.499, 153.601
Y _{xy}	2.8404, 0.2669, 0.4663
Android (android.graphics.Color)	4278400797 (0xFF03371D)
YUV	36.4880, -3.6916, -29.3690
Hunter-Lab	16.8536, -12.2777, 6.0809

Details

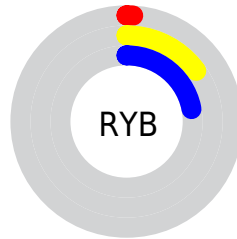
The Android color **4278400797** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281795357**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4281821001**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278204188**, and if you desaturate by 10%, it is **4278794016**.

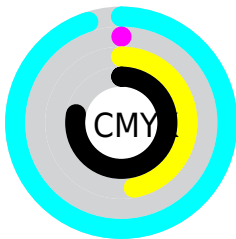
Distribution



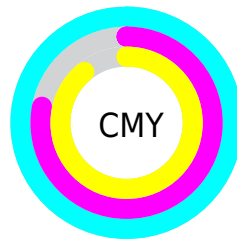
- Red (1%)
- Green (22%)
- Blue (11%)



- Red (1%)
- Yellow (15%)
- Blue (22%)



- Cyan (95%)
- Magenta (0%)
- Yellow (47%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278400797 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 4278400797 by changing the saturation by 10% instead.

 4278400797

 4278400797

 4294049791

 4278198788

 4281821001

 4278190080

 4283400289

 4285045370

 4286756243

 4288532910

 4290309577

 4292149222

 4278400797

 4278400797

■ 4278204188

■ 4278794016

■ 4279121699

■ 4279449381

■ 4279842600

■ 4280170283

■ 4280563502

■ 4280956720

■ 4281284403

■ 4281677622

Harmonies

Analogous

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



4280497164



4278400797



4278204465

Triad

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



4278400797



4278464598



4283441179

Complementary

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



4278400797



4281795357

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.



4283571501



4278400797



4281542991

Square

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



4278400797



4278203729



4282917184



4282853387

Rectangle

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



4278400797



4278204478



4282917184



4283571745

Sweetspot

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



4278400797



4281550653



4280104707



4279772190



4288914339



4280558628

Same Dimension

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



4278400797



4278208292



4278400823



4279835675



4278213678



4278246254

Inverse Universe

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



4281795357



4282843172



4281795331



4280031515



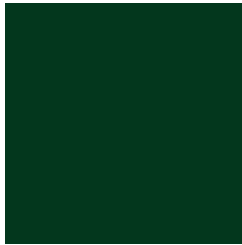
4284219438



4292542574

Previews

White Background



This preview shows how the Android color 4278400797 looks on a white background.

Color Contrast Check

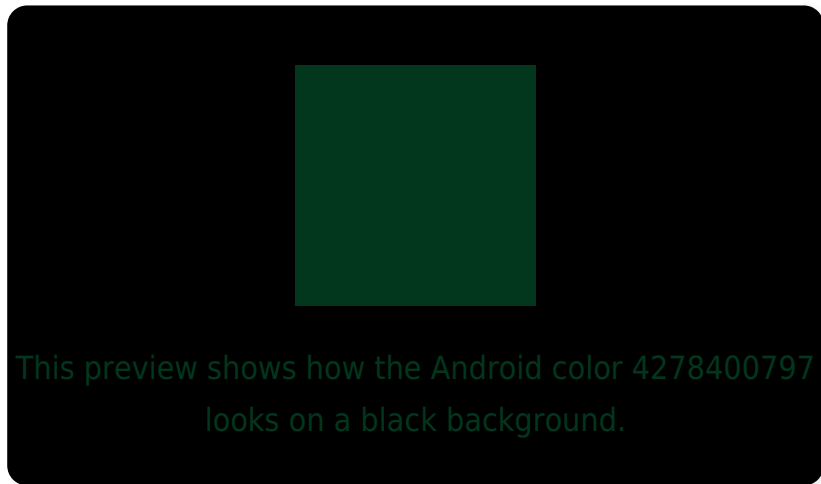
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278400797 Background



This preview shows how black text looks on a background with the Android color 4278400797.



This preview shows how white text looks on a background with the Android color 4278400797.

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
4278400797

Protanopia
4281610266

Deuteranopia
4281937183

Trichromacy



Original Color
4278400797

Protanomaly
4280431387

Deuteranomaly
4280627486

Tritanomaly
4279121198

Monochromacy



Original Color
4278400797

Achromatopsia
4280558628

Achromatomaly
4279773985

CSS Examples

Text

The CSS property to change the color of the text to Android 4278400797 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(3, 55, 29)` looks like.

```
.text, #text, p{  
    color:rgb(3, 55, 29)  
}
```

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(3, 55, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 55, 29) }
```

Border

The CSS property to change the border of an element to Android 4278400797 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(3, 55, 29) }
```

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

```
.border{ border-color:rgb(3, 55, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 55, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 55, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 55, 29); box-shadow:4px  
4px 4px 4px rgb(3, 55, 29) }
```

Background

The CSS property to change the background color of an element to Android 4278400797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 55, 29) }
```

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

```
.background{ background-color: rgb(3, 55,  
29) }
```

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