

Converting Colors

Android(4278205480)

Have a look what the booklet for
Android(4278205480) contains.

Android(4278205480)	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(4278205480)

Conversions

Conversions Part 1

Format	Color
Hex	003C28
RGB	0, 60, 40
RGB Percent	0%, 24%, 16%
CMY	1.0000, 0.7647, 0.8431
CMYK	1.00, 0.00, 0.33, 0.76
HSL	160°, 100%, 12%
HSV	160°, 100%, 24%
XYZ	1.9989, 3.3849, 2.5555
YIQ	39.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

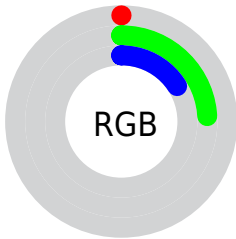
Format	Color
RYB	0, 36, 60
Decimal	15400
CIELab	21.52, -23.73, 7.43
CIELCh	22, 24.866, 162.604
Yxy	3.3849, 0.2518, 0.4264
Android (android.graphics.Color)	4278205480 (0xFF003C28)
YUV	39.7800, 0.1085, -34.8871
Hunter-Lab	18.3981, -12.8037, 4.6434

Details

The Android color **4278205480** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282122260**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4281822293**, and **4278192640** is the 20% darker color. If you saturate the color by 10%, you get **4278205480**, and if you desaturate by 10%, it is **4278598698**.

Distribution



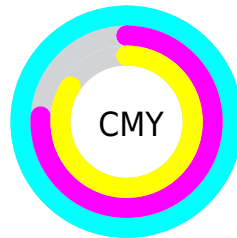
- Red (0%)
- Green (24%)
- Blue (16%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278205480 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 4278205480 by changing the saturation by 10% instead.

 4278205480

 4278205480

 4294115327

 4278199828

 4281822293

 4278192640

 4283467373

 4278190080

 4285112455

 4286823329

 4288599996

 4290442200

 4292280308

 4278205480

■ 4278598698

■ 4278991916

■ 4279385134

■ 4279778352

■ 4280171570

■ 4280564788

■ 4280958006

■ 4281351224

■ 4281744442

Harmonies

Analogous

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



4280433175



4278205480



4278205755

Triad

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



4278205480



4280365911



4283574300

Complementary

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



4278205480



4282122260

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.



4283835437



4278205480



4282330191

Square

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



4278205480



4278204758



4283442495



4282855184

Rectangle

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



4278205480



4278205511



4283442495



4283704865

Sweetspot

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



4278205480



4281814855



4279516160



4279904548



4289243304



4280887593

Same Dimension

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



4278205480



4278210357



4278202940



4280033054



4278214207



4278247060

Inverse Universe

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



4282122260



4283367450



4282124800



4280228893



4284350495



4292739146

Previews

White Background



This preview shows how the Android color 4278205480 looks on a white background.

Color Contrast Check

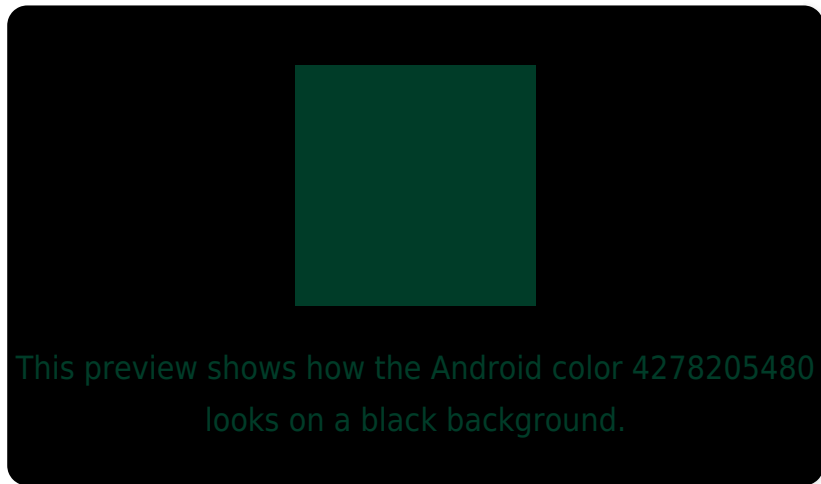
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278205480 Background



This preview shows how black text looks on a background with the Android color 4278205480.



This preview shows how white text looks on a background with the Android color 4278205480.

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

4278205480

Protanopia

4281873445

Deuteranopia

4282200618

Trichromacy



Original Color
4278205480

Protanomaly
4280563494

Deuteranomaly
4280759849

Tritanomaly
4279056950

Monochromacy



Original Color
4278205480

Achromatopsia
4280821800

Achromatomaly
4279840552

CSS Examples

Text

The CSS property to change the color of the text to Android 4278205480 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, 60, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 40)  
}
```

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, 60, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 40) }
```

Border

The CSS property to change the border of an element to Android 4278205480 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, 60, 40) }
```

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

```
.border{ border-color:rgb(0, 60, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 40); box-shadow:4px  
4px 4px 4px rgb(0, 60, 40) }
```

Background

The CSS property to change the background color of an element to Android 4278205480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 40) }
```

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

```
.background{ background-color: rgb(0, 60,  
40) }
```

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