

Converting Colors

Android(4278209833)

Have a look what the booklet for
Android(4278209833) contains.

Android(4278209833)	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(4278209833)

Conversions

Conversions Part 1

Format	Color
Hex	004D29
RGB	0, 77, 41
RGB Percent	0%, 30%, 16%
CMY	1.0000, 0.6980, 0.8392
CMYK	1.00, 0.00, 0.47, 0.70
HSL	152°, 100%, 15%
HSV	152°, 100%, 30%
XYZ	3.0541, 5.4678, 2.9923
YIQ	49.8730, -34.3360, -27.5200

Conversions

Conversions Part 2

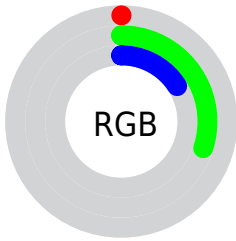
Format	Color
RYB	0, 50, 77
Decimal	19753
CIELab	28.03, -30.82, 15.56
CIELCh	28, 34.521, 153.216
Yxy	5.4678, 0.2652, 0.4749
Android (android.graphics.Color)	4278209833 (0xFF004D29)
YUV	49.8730, -4.3744, -43.7386
Hunter-Lab	23.3834, -17.6071, 8.7814

Details

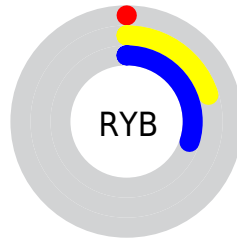
The Android color **4278209833** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4283236388**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4282220375**, and **4278198784** is the 20% darker color. If you saturate the color by 10%, you get **4278209833**, and if you desaturate by 10%, it is **4278734125**.

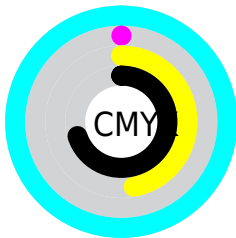
Distribution



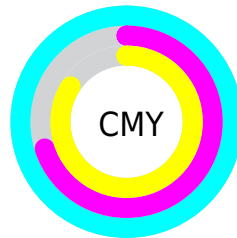
- Red (0%)
- Green (30%)
- Blue (16%)



- Red (0%)
- Yellow (20%)
- Blue (30%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (70%)



- Cyan (100%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209833 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 4278209833 by changing the saturation by 10% instead.

 4278209833

 4278209833

 4294836223

 4278203924

 4282220375

 4278198784

 4283930991

 4278190080

 4285641865

 4287418531

 4289195198

 4291035098

 4292935671

 4278209833

■ 4278734125

■ 4279192880

■ 4279717172

■ 4280241463

■ 4280765755

■ 4281224511

■ 4281748802

■ 4282273094

■ 4282731849

Harmonies

Analogous

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



4281485586



4278209833



4278210372

Triad

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



4278209833



4278207607



4285541671

Complementary

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



4278209833



4283236388

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.



4285606208



4278209833



4282792559

Square

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



4278209833



4278209393



4284755547



4284626961

Rectangle

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



4278209833



4278210390



4284755547



4285672239

Sweetspot

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



4278209833



4282803030



4280634624



4280365866



4289967027



4281545523

Same Dimension

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



4278209833



4278215477



4278209613



4280428068



4278216246



4278249082

Inverse Universe

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



4283236388



4284678190



4283236608



4280689188



4284874800



4293263467

Previews

White Background



This preview shows how the Android color 4278209833 looks on a white background.

Color Contrast Check

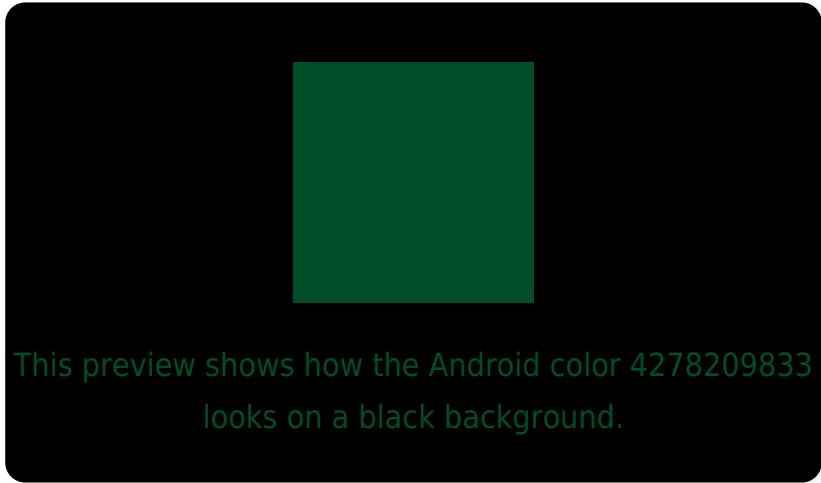
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209833 Background



This preview shows how black text looks on a background with the Android color 4278209833.



This preview shows how white text looks on a background with the Android color 4278209833.

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
4278209833

Protanopia
4282991397

Deuteranopia
4283449388

Trichromacy



Original Color
4278209833

Protanomaly
4281222950

Deuteranomaly
4281550123

Tritanomaly
4279388737

Monochromacy



Original Color
4278209833

Achromatopsia
4281479730

Achromatomaly
4280302639

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209833 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, 77, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 41)  
}
```

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, 77, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 41) }
```

Border

The CSS property to change the border of an element to Android 4278209833 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, 77, 41) }
```

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

```
.border{ border-color:rgb(0, 77, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 41); box-shadow:4px  
4px 4px 4px rgb(0, 77, 41) }
```

Background

The CSS property to change the background color of an element to Android 4278209833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 41) }
```

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

```
.background{ background-color: rgb(0, 77,  
41) }
```

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