

Converting Colors

Android(4278212641)

Have a look what the booklet for
Android(4278212641) contains.

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Color

Android(4278212641)

Conversions

Conversions Part 1

Format	Color
Hex	005821
RGB	0, 88, 33
RGB Percent	0%, 35%, 13%
CMY	1.0000, 0.6549, 0.8706
CMYK	1.00, 0.00, 0.62, 0.65
HSL	142°, 100%, 17%
HSV	142°, 100%, 35%
XYZ	3.7642, 7.0893, 2.6088
YIQ	55.4180, -34.7930, -35.7610

Conversions

Conversions Part 2

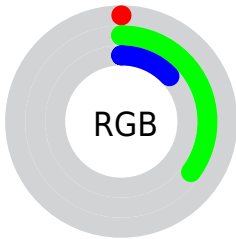
Format	Color
RYB	0, 64, 88
Decimal	22561
CIELab	32.01, -36.50, 25.12
CIELCh	32, 44.311, 145.471
Yxy	7.0893, 0.2796, 0.5266
Android (android.graphics.Color)	4278212641 (0xFF005821)
YUV	55.4180, -11.0521, -48.6016
Hunter-Lab	26.6257, -21.3592, 12.8287

Details

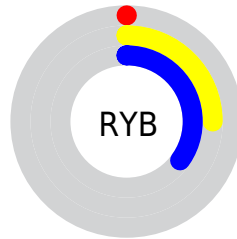
The Android color **4278212641** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4283957303**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4282485583**, and **4278200832** is the 20% darker color. If you saturate the color by 10%, you get **4278212641**, and if you desaturate by 10%, it is **4278802471**.

Distribution



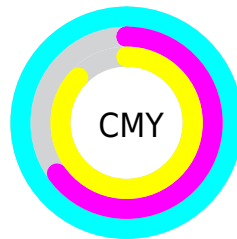
- Red (0%)
- Green (35%)
- Blue (13%)



- Red (0%)
- Yellow (25%)
- Blue (35%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (65%)



- Cyan (100%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212641 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 4278212641 by changing the saturation by 10% instead.

 4278212641

 4278212641

4294967295

 4278206474

 4282485583

 4278200832

 4284261992

 4278193408

 4286038401

 4278190080

 4287815067

 4289657526

 4291493842

 4293394415

 4278212641

■ 4278802471

■ 4279392300

■ 4279916594

■ 4280506423

■ 4281096253

■ 4281686082

■ 4282275912

■ 4282800205

■ 4283390035

Harmonies

Analogous

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



4282339840



4278212641



4278213445

Triad

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



4278212641



4278210961



4287113776

Complementary

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



4278212641



4283957303

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.



4286981970



4278212641



4282336395

Square

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



4278212641



4278212740



4285543539



4286134544

Rectangle

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



4278212641



4278213469



4285543539



4287178555

Sweetspot

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



4278212641



4283462493



4281882624



4280695597



4290427578



4282071867

Same Dimension

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



4278212641



4278219563



4278212684



4280757033



4278217512



4278250328

Inverse Universe

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



4283957303



4285726792



4283957260



4281018154



4285202499



4293591187

Previews

White Background



This preview shows how the Android color 4278212641 looks on a white background.

Color Contrast Check

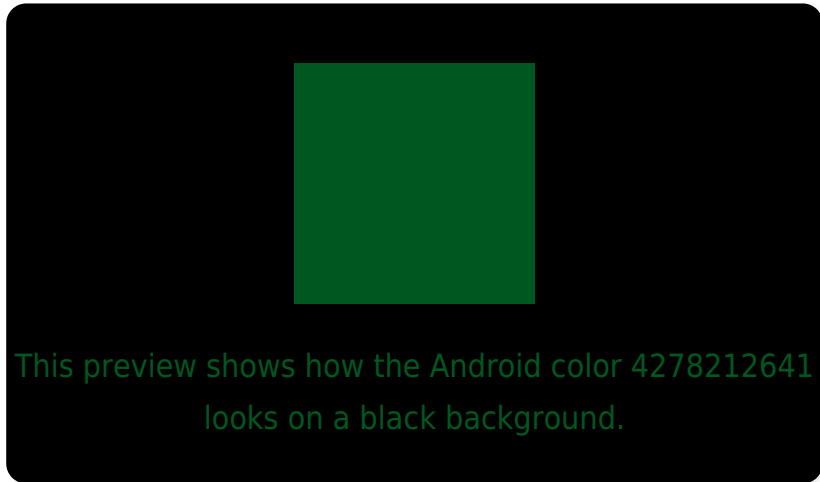
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212641 Background



This preview shows how black text looks on a background with the Android color 4278212641.



This preview shows how white text looks on a background with the Android color 4278212641.

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
4278212641

Protanopia
4283714589

Deuteranopia
4284303398

Trichromacy



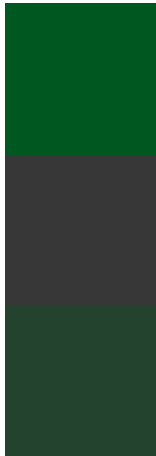
Original Color
4278212641

Protanomaly
4281683998

Deuteranomaly
4282076708

Tritanomaly
4279653445

Monochromacy



Original Color
4278212641

Achromatopsia
4281808695

Achromatomaly
4280501039

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212641 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, 88, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 33)  
}
```

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, 88, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 33) }
```

Border

The CSS property to change the border of an element to Android 4278212641 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, 88, 33) }
```

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

```
.border{ border-color:rgb(0, 88, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 88, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 88, 33); box-shadow:4px  
4px 4px 4px rgb(0, 88, 33) }
```

Background

The CSS property to change the background color of an element to Android 4278212641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 33) }
```

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

```
.background{ background-color: rgb(0, 88,  
33) }
```

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](#).

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