

Converting Colors

Android(4278212659)

Have a look what the booklet for
Android(4278212659) contains.

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Color

Android(4278212659)

Conversions

Conversions Part 1

Format	Color
Hex	005833
RGB	0, 88, 51
RGB Percent	0%, 35%, 20%
CMY	1.0000, 0.6549, 0.8000
CMYK	1.00, 0.00, 0.42, 0.65
HSL	155°, 100%, 17%
HSV	155°, 100%, 35%
XYZ	4.0873, 7.2185, 4.3098
YIQ	57.4700, -40.5710, -30.1630

Conversions

Conversions Part 2

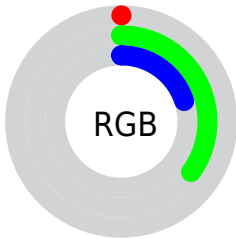
Format	Color
RYB	0, 56, 88
Decimal	22579
CIELab	32.30, -33.01, 15.11
CIELCh	32, 36.308, 155.400
Yxy	7.2185, 0.2617, 0.4623
Android (android.graphics.Color)	4278212659 (0xFF005833)
YUV	57.4700, -3.1897, -50.4012
Hunter-Lab	26.8672, -19.8627, 9.2961

Details

The Android color `4278212659` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4283957285`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4282485602`, and `4278200838` is the 20% darker color. If you saturate the color by 10%, you get `4278212659`, and if you desaturate by 10%, it is `4278802487`.

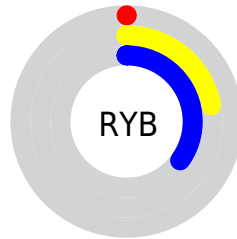
Distribution



Red (0%)

Green (35%)

Blue (20%)



Red (0%)

Yellow (22%)

Blue (35%)

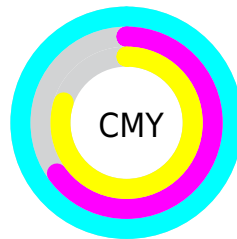


Cyan (100%)

Magenta (0%)

Yellow (42%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212659 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 4278212659 by changing the saturation by 10% instead.

 4278212659

 4278212659

4294967295

 4278206493

 4282485602

 4278200838

 4284261755

 4278193920

 4285972885

 4278190080

 4287749551

 4289592011

 4291428327

 4293328895

 4278212659

■ 4278802487

■ 4279392314

■ 4279916606

■ 4280506434

■ 4281096262

■ 4281686089

■ 4282275917

■ 4282800209

■ 4283390036

Harmonies

Analogous

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



4281881626



4278212659



4278213200

Triad

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



4278212659



4279520901



4286396204

Complementary

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



4278212659



4283957285

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.



4286525768



4278212659



4283712123

Square

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



4278212659



4278211968



4285740644



4285415958

Rectangle

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



4278212659



4278213220



4285740644



4286526517

Sweetspot

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



4278212659



4283462500



4280702976



4280695602



4290427578



4282071867

Same Dimension

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



4278212659



4278219587



4278211160



4280757034



4278217534



4278250376

Inverse Universe

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



4283957285



4285726768



4283958784



4281018153



4285202477



4293591139

Previews

White Background



This preview shows how the Android color 4278212659 looks on a white background.

Color Contrast Check

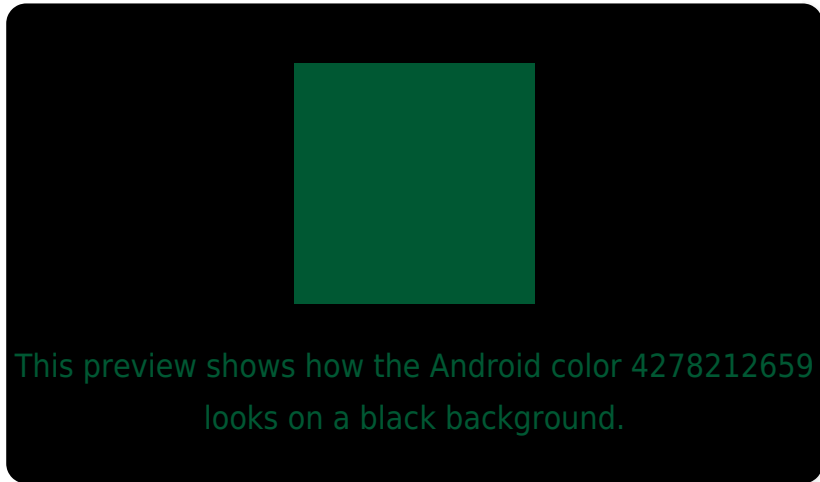
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212659 Background



This preview shows how black text looks on a background with the Android color 4278212659.



This preview shows how white text looks on a background with the Android color 4278212659.

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

4278212659

Protanopia

4283649070

Deuteranopia

4284107063

Trichromacy



Original Color
4278212659

Protanomaly
4281684016

Deuteranomaly
4281945654

Tritanomaly
4279522636

Monochromacy



Original Color
4278212659

Achromatopsia
4281940281

Achromatomaly
4280566839

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212659 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 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(0, 88, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 51) }
```

Border

The CSS property to change the border of an element to Android 4278212659 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, 51) }
```

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

```
.border{ border-color:rgb(0, 88, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 88, 51); box-shadow:4px  
4px 4px 4px rgb(0, 88, 51) }
```

Background

The CSS property to change the background color of an element to Android 4278212659 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, 51) }
```

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

```
.background{ background-color: rgb(0, 88,  
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](#).

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