

Converting Colors

Android(4278212159)

Have a look what the booklet for
Android(4278212159) contains.

Android(4278212159)	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(4278212159)

Conversions

Conversions Part 1

Format	Color
Hex	00563F
RGB	0, 86, 63
RGB Percent	0%, 34%, 25%
CMY	1.0000, 0.6627, 0.7529
CMYK	1.00, 0.00, 0.27, 0.66
HSL	164°, 100%, 17%
HSV	164°, 100%, 34%
XYZ	4.2250, 7.0145, 5.8339
YIQ	57.6640, -43.8730, -25.3850

Conversions

Conversions Part 2

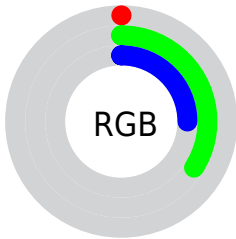
Format	Color
RYB	0, 50, 86
Decimal	22079
CIELab	31.84, -29.09, 7.08
CIELCh	32, 29.937, 166.312
Yxy	7.0145, 0.2475, 0.4108
Android (android.graphics.Color)	4278212159 (0xFF00563F)
YUV	57.6640, 2.6306, -50.5713
Hunter-Lab	26.4848, -17.8732, 5.4794

Details

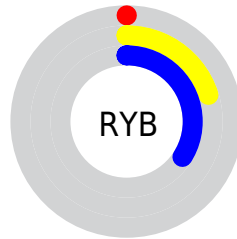
The Android color `4278212159` is a dark color, and the websafe version is hex `006666`, and the color name is `castleton green`. A complement of this color would be `4283826199`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4282485103`, and `4278200341` is the 20% darker color. If you saturate the color by 10%, you get `4278212159`, and if you desaturate by 10%, it is `4278801985`.

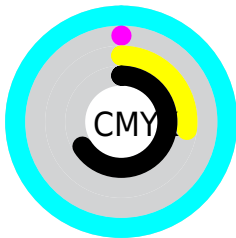
Distribution



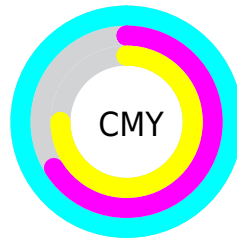
- Red (0%)
- Green (34%)
- Blue (25%)



- Red (0%)
- Yellow (20%)
- Blue (34%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (66%)



- Cyan (100%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212159 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 4278212159 by changing the saturation by 10% instead.

 4278212159

 4278212159

4294967295

 4278205993

 4282485103

 4278200341

 4284195720

 4278193152

 4285972130

 4278190080

 4287748797

 4289591257

 4291428341

 4293263359

 4278212159

■ 4278801985

■ 4279326276

■ 4279916102

■ 4280440392

■ 4281030219

■ 4281620045

■ 4282144335

■ 4282734161

■ 4283258452

Harmonies

Analogous

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



4281422633



4278212159



4278212439

Triad

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



4278212159



4282009976



4285611306

Complementary

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



4278212159



4283826199

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.



4286003007



4278212159



4284301420

Square

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



4278212159



4278210936



4285610071



4284630556

Rectangle

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



4278212159



4278212198



4285610071



4285807408

Sweetspot

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



4278212159



4283396199



4279784960



4280563763



4290295992



4281874488

Same Dimension

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



4278212159



4278218834



4278207318



4280757034



4278217550



4278250412

Inverse Universe

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



4283826199



4285530142



4283831040



4281018152



4285202461



4293591103

Previews

White Background



This preview shows how the Android color 4278212159 looks on a white background.

Color Contrast Check

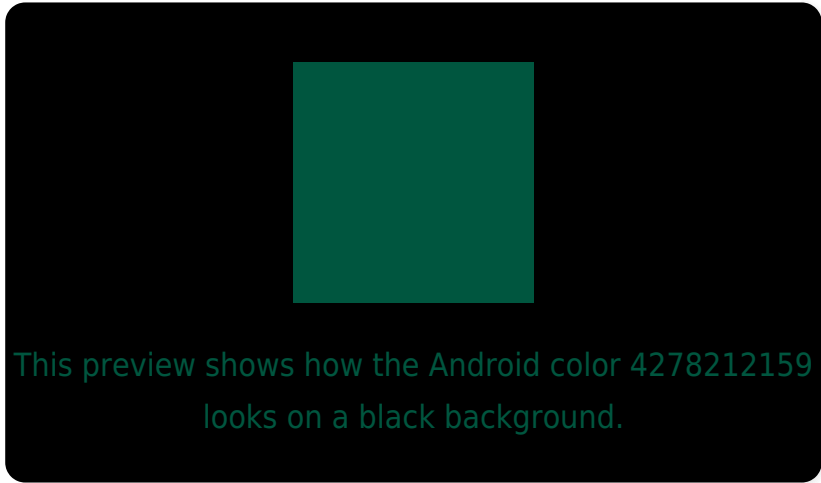
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212159 Background



This preview shows how black text looks on a background with the Android color 4278212159.



This preview shows how white text looks on a background with the Android color 4278212159.

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

4278212159

Protanopia

4283452218

Deuteranopia

4283844674

Trichromacy



Original Color
4278212159

Protanomaly
4281552700

Deuteranomaly
4281814337

Tritanomaly
4279391312

Monochromacy



Original Color
4278212159

Achromatopsia
4282006074

Achromatomaly
4280632380

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212159 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, 86, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 63)  
}
```

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, 86, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 63) }
```

Border

The CSS property to change the border of an element to Android 4278212159 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, 86, 63) }
```

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

```
.border{ border-color:rgb(0, 86, 63) }
```

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

Here you see how a box with a 4 pixel rgb(0, 86, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 86, 63); box-shadow:4px  
4px 4px 4px rgb(0, 86, 63) }
```

Background

The CSS property to change the background color of an element to Android 4278212159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 63) }
```

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

```
.background{ background-color: rgb(0, 86,  
63) }
```

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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