

Converting Colors

Android(4278214217)

Have a look what the booklet for
Android(4278214217) contains.

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Color

Android(4278214217)

Conversions

Conversions Part 1

Format	Color
Hex	005E49
RGB	0, 94, 73
RGB Percent	0%, 37%, 29%
CMY	1.0000, 0.6314, 0.7137
CMYK	1.00, 0.00, 0.22, 0.63
HSL	167°, 100%, 18%
HSV	167°, 100%, 37%
XYZ	5.2053, 8.4864, 7.6670
YIQ	63.5000, -49.2830, -26.4590

Conversions

Conversions Part 2

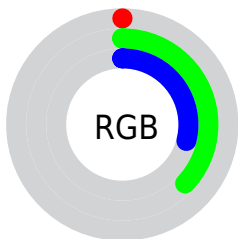
Format	Color
RYB	0, 53, 94
Decimal	24137
CIELab	34.98, -29.85, 5.30
CIELCh	35, 30.315, 169.928
Yxy	8.4864, 0.2437, 0.3973
Android (android.graphics.Color)	4278214217 (0xFF005E49)
YUV	63.5000, 4.6835, -55.6895
Hunter-Lab	29.1315, -19.0852, 4.7877

Details

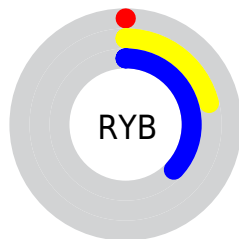
The Android color `4278214217` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284350485`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4282683770`, and `4278202141` is the 20% darker color. If you saturate the color by 10%, you get `4278214217`, and if you desaturate by 10%, it is `4278804043`.

Distribution



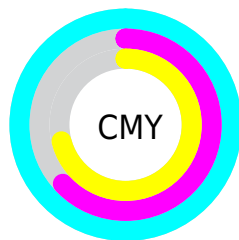
- Red (0%)
- Green (37%)
- Blue (29%)



- Red (0%)
- Yellow (21%)
- Blue (37%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (63%)



- Cyan (100%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214217 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 4278214217 by changing the saturation by 10% instead.



4278214217



4278214217

4294967295



4278208050



4282683770



4278202141



4284460179



4278196740



4286236590



4278190080



4288013513



4289855461



4291690495



4293591039



4278214217

■ 4278804043

■ 4279459405

■ 4280049231

■ 4280704593

■ 4281294419

■ 4281884246

■ 4282539608

■ 4283129434

■ 4283784796

Harmonies

Analogous

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



4281621298



4278214217



4278214242

Triad

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



4278214217



4282863488



4286072110

Complementary

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



4278214217



4284350485

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.



4286594883



4278214217



4285023858

Square

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



4278214217



4278605698



4286267227



4285025826

Rectangle

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



4278214217



4278214001



4286267227



4286333748

Sweetspot

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



4278214217



4283857522



4279655936



4280761656



4290624957



4282203453

Same Dimension

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



4278214217



4278221407



4278207838



4280888877



4278218325



4278250936

Inverse Universe

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



4284350485



4286185499



4284356864



4281215274



4285399064



4293722165

Previews

White Background



This preview shows how the Android color 4278214217 looks on a white background.

Color Contrast Check

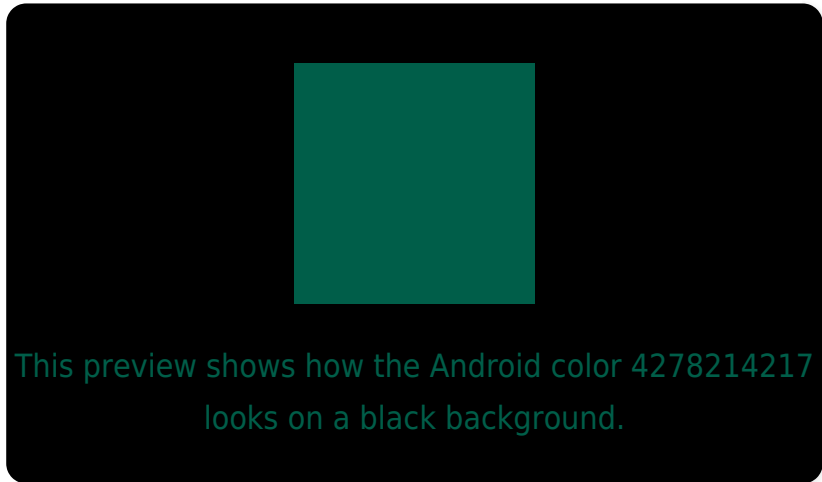
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278214217 Background



This preview shows how black text looks on a background with the Android color 4278214217.



This preview shows how white text looks on a background with the Android color 4278214217.

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
4278214217

Protanopia
4283912771

Deuteranopia
4284305228

Trichromacy



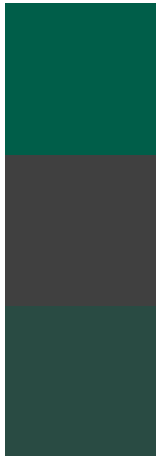
Original Color
4278214217

Protanomaly
4281816645

Deuteranomaly
4282078283

Tritanomaly
4279393369

Monochromacy



Original Color
4278214217

Achromatopsia
4282400832

Achromatomaly
4280896323

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214217 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, 94, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 73)  
}
```

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, 94, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 73) }
```

Border

The CSS property to change the border of an element to Android 4278214217 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, 94, 73) }
```

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

```
.border{ border-color:rgb(0, 94, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 73); box-shadow:4px  
4px 4px 4px rgb(0, 94, 73) }
```

Background

The CSS property to change the background color of an element to Android 4278214217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 73) }
```

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

```
.background{ background-color: rgb(0, 94,  
73) }
```

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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