

Converting Colors

Android(4278222678)

Have a look what the booklet for
Android(4278222678) contains.

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Color

Android(4278222678)

Conversions

Conversions Part 1

Format	Color
Hex	007F56
RGB	0, 127, 86
RGB Percent	0%, 50%, 34%
CMY	1.0000, 0.5020, 0.6627
CMYK	1.00, 0.00, 0.32, 0.50
HSL	161°, 100%, 25%
HSV	161°, 100%, 50%
XYZ	9.2691, 15.8506, 11.3750
YIQ	84.3530, -62.5310, -39.6750

Conversions

Conversions Part 2

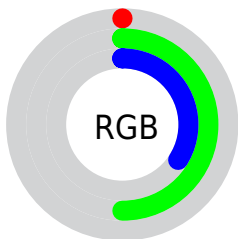
Format	Color
RYB	0, 76, 127
Decimal	32598
CIELab	46.78, -40.45, 14.04
CIELCh	47, 42.817, 160.854
Yxy	15.8506, 0.2540, 0.4343
Android (android.graphics.Color)	4278222678 (0xFF007F56)
YUV	84.3530, 0.8120, -73.9776
Hunter-Lab	39.8128, -28.1147, 10.9291

Details

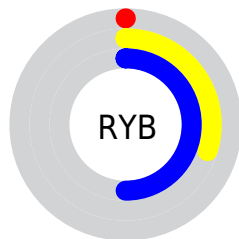
The Android color `4278222678` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286513193`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4283348360`, and `4278209832` is the 20% darker color. If you saturate the color by 10%, you get `4278222678`, and if you desaturate by 10%, it is `4279074650`.

Distribution



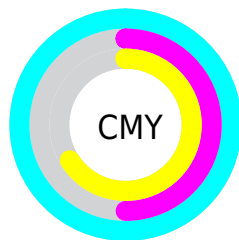
- Red (0%)
- Green (50%)
- Blue (34%)



- Red (0%)
- Yellow (30%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278222678 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 4278222678 by changing the saturation by 10% instead.

 4278222678

 4278222678

4294967295

 4278215999

 4283348360

 4278209832

 4285256098

 4278203668

 4287098301

 4278198272

 4289003481

 4278190080

 4290904054

 4292804607

 4294705151

 4278222678

■ 4279074650

■ 4279861086

■ 4280713058

■ 4281565030

■ 4282417003

■ 4283203439

■ 4284055411

■ 4284907383

■ 4285693819

Harmonies

Analogous

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



4283398710



4278222678



4278223227

Triad

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



4278222678



4282740406



4289419074

Complementary

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



4278222678



4286513193

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.



4289810275



4278222678



4286734502

Square

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



4278222678



4278221234



4289024903



4288046377

Rectangle

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



4278222678



4278222995



4289024903



4289680204

Sweetspot

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



4278222678



4285834902



4280975104



4281750602



4292138196



4283716692

Same Dimension

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



4278222678



4278232688



4278217343



4281942078



4278222934



4278190080

Inverse Universe

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



4286513193



4289069110



4286518528



4282399035



4286578729



4278190080

Previews

White Background



This preview shows how the Android color 4278222678 looks on a white background.

Color Contrast Check

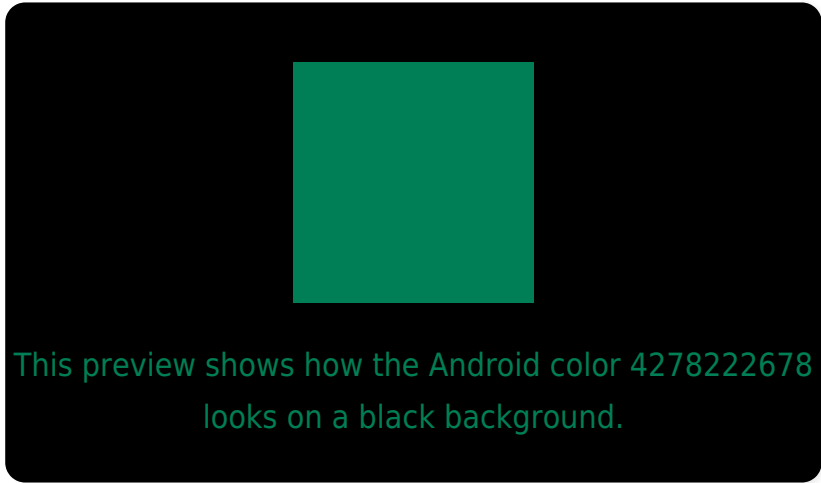
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

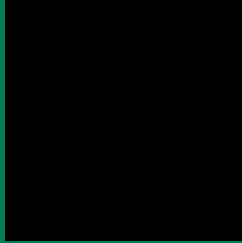
Any Text WCAG AA × Fail

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 4278222678 Background



This preview shows how black text looks on a background with the Android color 4278222678.



This preview shows how white text looks on a background with the Android color 4278222678.

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

4278222678

Protanopia

4286017103

Deuteranopia

4286605915

Trichromacy



Original Color

4278222678



Protanomaly

4283200594



Deuteranomaly

4283527769



Tritanomaly

4280056691

Monochromacy



Original Color

4278222678



Achromatopsia

4283716692



Achromatomaly

4281689173

CSS Examples

Text

The CSS property to change the color of the text to Android 4278222678 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, 127, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 86)  
}
```

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, 127, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 86) }
```

Border

The CSS property to change the border of an element to Android 4278222678 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, 127, 86) }
```

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

```
.border{ border-color:rgb(0, 127, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 127, 86)  
}
```

Background

The CSS property to change the background color of an element to Android 4278222678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 86) }
```

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

```
.background{ background-color: rgb(0, 127,  
86) }
```

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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