

Converting Colors

Android(4278220358)

Have a look what the booklet for
Android(4278220358) contains.

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Color

Android(4278220358)

Conversions

Conversions Part 1

Format	Color
Hex	007646
RGB	0, 118, 70
RGB Percent	0%, 46%, 27%
CMY	1.0000, 0.5373, 0.7255
CMYK	1.00, 0.00, 0.41, 0.54
HSL	156°, 100%, 23%
HSV	156°, 100%, 46%
XYZ	7.5839, 13.3991, 7.9809
YIQ	77.2460, -54.9200, -39.9440

Conversions

Conversions Part 2

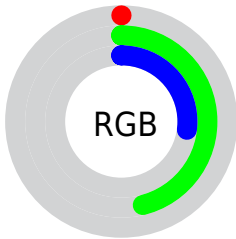
Format	Color
RYB	0, 74, 118
Decimal	30278
CIELab	43.36, -40.60, 18.64
CIELCh	43, 44.675, 155.337
Yxy	13.3991, 0.2618, 0.4626
Android (android.graphics.Color)	4278220358 (0xFF007646)
YUV	77.2460, -3.5723, -67.7447
Hunter-Lab	36.6047, -27.0759, 12.6963

Details

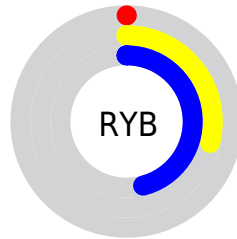
The Android color `4278220358` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285923376`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4283149175`, and `4278207514` is the 20% darker color. If you saturate the color by 10%, you get `4278220358`, and if you desaturate by 10%, it is `4279006795`.

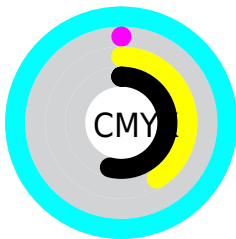
Distribution



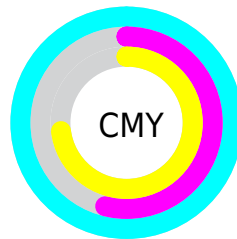
- Red (0%)
- Green (46%)
- Blue (27%)



- Red (0%)
- Yellow (29%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278220358 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 4278220358 by changing the saturation by 10% instead.

 4278220358

 4278220358

4294967295

 4278213935

 4283149175

 4278207514

 4284991377

 4278201601

 4286833579

 4278195200

 4288675783

 4278190080

 4290576355

 4292476927

 4294377471

 4278220358

 4279006795

 4279793232

 4280514132

 4281300569

 4282087006

 4282873443

 4283659880

 4284380780

 4285167217

Harmonies

Analogous

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



4283265062



4278220358



4278220908

Triad

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



4278220358



4280117424



4289088318

Complementary

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



4278220358



4285923376

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.



4289283169



4278220358



4285553315

Square

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



4278220358



4278219433



4288170630



4287781153

Rectangle

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



4278220358



4278220933



4288170630



4289283913

Sweetspot

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



4278220358



4285241734



4281431552



4281421121



4291611852



4283256141

Same Dimension

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



4278220358



4278229339



4278217846



4281678648



4278221385



4278254228

Inverse Universe

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



4285923376



4288217150



4285925888



4282070327



4286185522



4294574182

Previews

White Background



This preview shows how the Android color 4278220358 looks on a white background.

Color Contrast Check

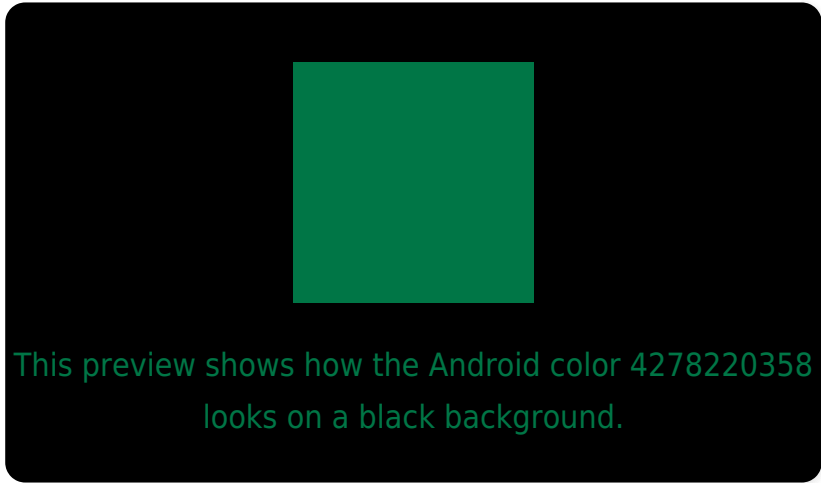
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278220358 Background



This preview shows how black text looks on a background with the Android color 4278220358.



This preview shows how white text looks on a background with the Android color 4278220358.

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

4278220358

Protanopia

4285490752

Deuteranopia

4286145099

Trichromacy



Original Color
4278220358

Protanomaly
4282870850

Deuteranomaly
4283263305

Tritanomaly
4279988838

Monochromacy



Original Color
4278220358

Achromatopsia
4283256141

Achromatomaly
4281424970

CSS Examples

Text

The CSS property to change the color of the text to Android 4278220358 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, 118, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 70)  
}
```

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, 118, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 70) }
```

Border

The CSS property to change the border of an element to Android 4278220358 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, 118, 70) }
```

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

```
.border{ border-color:rgb(0, 118, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 70);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4278220358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 70) }
```

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

```
.background{ background-color: rgb(0, 118,  
70) }
```

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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