

Converting Colors

Android(4278207078)

Have a look what the booklet for
Android(4278207078) contains.

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Color

Android(4278207078)

Conversions

Conversions Part 1

Format	Color
Hex	004266
RGB	0, 66, 102
RGB Percent	0%, 26%, 40%
CMY	1.0000, 0.7412, 0.6000
CMYK	1.00, 0.35, 0.00, 0.60
HSL	201°, 100%, 20%
HSV	201°, 100%, 40%
XYZ	4.3465, 4.8557, 13.2785
YIQ	50.3700, -50.8920, -2.7960

Conversions

Conversions Part 2

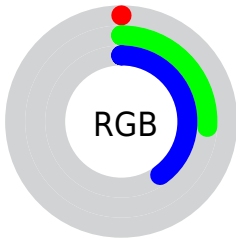
Format	Color
RYB	0, 40, 102
Decimal	16998
CIELab	26.32, -3.61, -26.22
CIELCh	26, 26.463, 262.156
Yxy	4.8557, 0.1933, 0.2160
Android (android.graphics.Color)	4278207078 (0xFF004266)
YUV	50.3700, 25.4536, -44.1745
Hunter-Lab	22.0357, -3.3539, -20.3026

Details

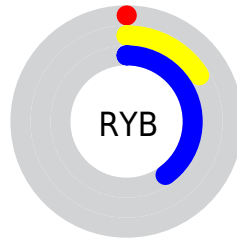
The Android color **4278207078** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284883968**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4282675865**, and **4278196279** is the 20% darker color. If you saturate the color by 10%, you get **4278207078**, and if you desaturate by 10%, it is **4278863462**.

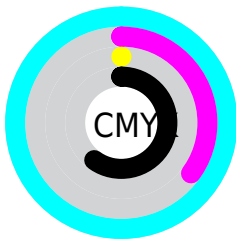
Distribution



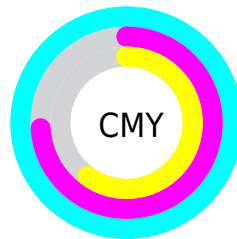
- Red (0%)
- Green (26%)
- Blue (40%)



- Red (0%)
- Yellow (16%)
- Blue (40%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207078 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 4278207078 by changing the saturation by 10% instead.

 4278207078

 4278207078

4294967295

 4278201422

 4282675865

 4278196279

 4284451764

 4278190625


 4286227920

 4278190086

 4288069868

 4278190080

 4289912063

 4291754495

 4293656575

 4278207078

■ 4278863462

■ 4279519590

■ 4280241510

■ 4280897638

■ 4281554022

■ 4282210406

■ 4282866534

■ 4283588454

■ 4284244582

Harmonies

Analogous

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



4278208094



4278207078



4281809764

Triad

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



4278207078



4284755504



4280501797

Complementary

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



4278207078



4284883968

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.



4282073623



4278207078



4284298271

Square

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



4278207078



4284558660



4283317013



4278208568

Rectangle

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



4278207078



4283053660



4283317013



4281091359

Sweetspot

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



4278207078



4284315525



4278216228



4280957506



4290953922



4282532418

Same Dimension

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



4278207078



4278212229



4278194022



4281217331



4278209139



4278230514

Inverse Universe

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



4284874818



4286906454



4284897024



4281544241



4285726794



4294049949

Previews

White Background



This preview shows how the Android color 4278207078 looks on a white background.

Color Contrast Check

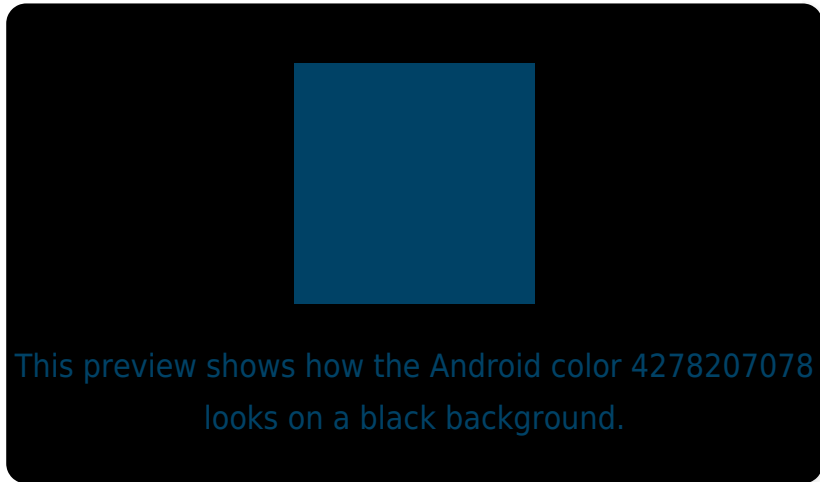
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207078 Background



This preview shows how black text looks on a background with the Android color 4278207078.



This preview shows how white text looks on a background with the Android color 4278207078.

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

4278207078

Protanopia

4281417314

Deuteranopia

4280696679

Trichromacy



Original Color
4278207078

Protanomaly
4280237923

Deuteranomaly
4279779431

Tritanomaly
4278207829

Monochromacy



Original Color
4278207078

Achromatopsia
4281479730

Achromatomaly
4280301637

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207078 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, 66, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 102)  
}
```

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, 66, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 102) }
```

Border

The CSS property to change the border of an element to Android 4278207078 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, 66, 102) }
```

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

```
.border{ border-color:rgb(0, 66, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 102)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 102) }
```

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

```
.background{ background-color: rgb(0, 66,  
102) }
```

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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