

Converting Colors

Android(4278206801)

Have a look what the booklet for
Android(4278206801) contains.

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Color

Android(4278206801)

Conversions

Conversions Part 1

Format	Color
Hex	004151
RGB	0, 65, 81
RGB Percent	0%, 25%, 32%
CMY	1.0000, 0.7451, 0.6824
CMYK	1.00, 0.20, 0.00, 0.68
HSL	192°, 100%, 16%
HSV	192°, 100%, 32%
XYZ	3.3755, 4.3747, 8.4511
YIQ	47.3890, -43.8760, -8.8040

Conversions

Conversions Part 2

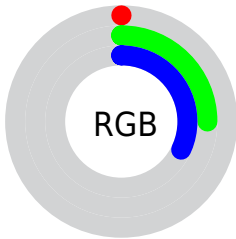
Format	Color
RYB	0, 36, 81
Decimal	16721
CIELab	24.87, -11.83, -14.84
CIELCh	25, 18.978, 231.447
Yxy	4.3747, 0.2083, 0.2700
Android (android.graphics.Color)	4278206801 (0xFF004151)
YUV	47.3890, 16.5702, -41.5602
Hunter-Lab	20.9157, -7.7952, -9.3153

Details

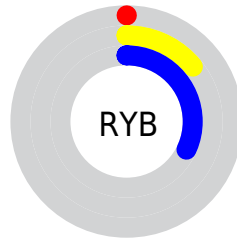
The Android color **4278206801** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4283502592**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4282282370**, and **4278196004** is the 20% darker color. If you saturate the color by 10%, you get **4278206801**, and if you desaturate by 10%, it is **4278731601**.

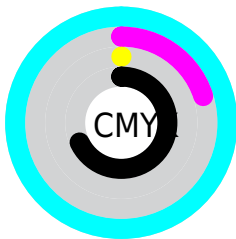
Distribution



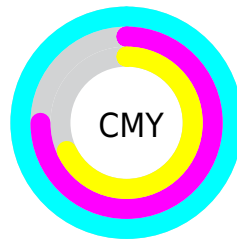
- Red (0%)
- Green (25%)
- Blue (32%)



- Red (0%)
- Yellow (14%)
- Blue (32%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278206801 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 4278206801 by changing the saturation by 10% instead.

 4278206801

 4278206801

4294967295

 4278201146

 4282282370

 4278196004

 4284058268

 4278190350

 4285769143

 4278190080

 4287545555

 4289322223

 4291164415

 4293066751

 4278206801

■ 4278731601

■ 4279256145

■ 4279780945

■ 4280305489

■ 4280895825

■ 4281420625

■ 4281945169

■ 4282469969

■ 4282994513

Harmonies

Analogous

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



4278207301



4278206801



4280172119

Triad

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



4278206801



4283707456



4282006816

Complementary

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



4278206801



4283502592

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.



4282923295



4278206801



4283904049

Square

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



4278206801



4282987597



4283577381



4280893737

Rectangle

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



4278206801



4281285463



4283577381



4282334238

Sweetspot

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



4278206801



4282999401



4278210831



4280431158



4290098613



4281742902

Same Dimension

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



4278206801



4278211689



4278196817



4280625193



4278237928

Inverse Universe

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



4283498561



4285071444



4283512576



4280886568



4293394618

Previews

White Background



This preview shows how the Android color 4278206801 looks on a white background.

Color Contrast Check

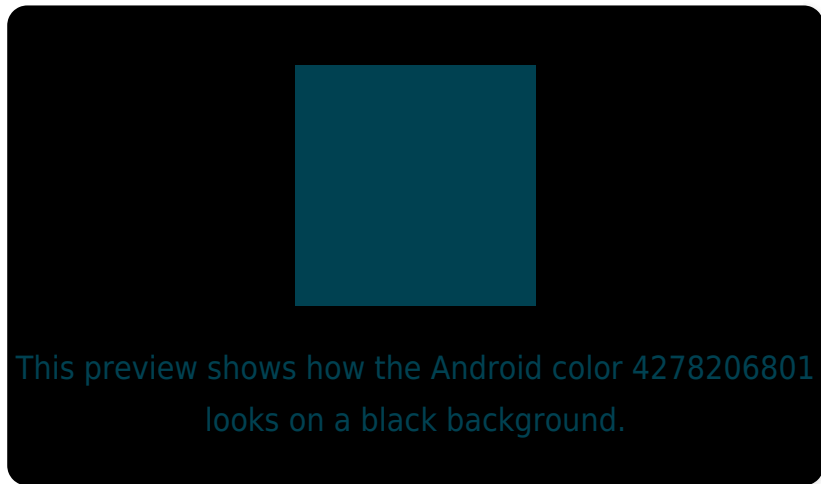
Large Text (above 18pt) WCAG AA ✓ Pass

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

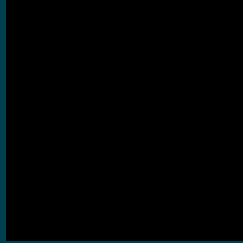
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

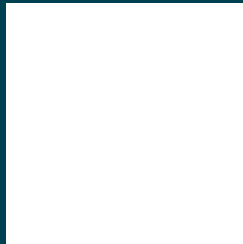
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278206801 Background



This preview shows how black text looks on a background with the Android color 4278206801.



This preview shows how white text looks on a background with the Android color 4278206801.

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

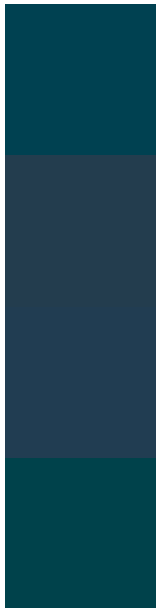


Original Color
4278206801

Protanopia
4281809740

Deuteranopia
4281613138

Trichromacy



Original Color
4278206801

Protanomaly
4280499534

Deuteranomaly
4280368466

Tritanomaly
4278207051

Monochromacy



Original Color
4278206801

Achromatopsia
4281282351

Achromatomaly
4280170043

CSS Examples

Text

The CSS property to change the color of the text to Android 4278206801 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, 65, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 81)  
}
```

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, 65, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 81) }
```

Border

The CSS property to change the border of an element to Android 4278206801 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, 65, 81) }
```

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

```
.border{ border-color:rgb(0, 65, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 81); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 65, 81); box-shadow:4px  
4px 4px 4px rgb(0, 65, 81) }
```

Background

The CSS property to change the background color of an element to Android 4278206801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 81) }
```

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

```
.background{ background-color: rgb(0, 65,  
81) }
```

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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