

Converting Colors

Android(4278200897)

Have a look what the booklet for
Android(4278200897) contains.

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Color

Android(4278200897)

Conversions

Conversions Part 1

Format	Color
Hex	002A41
RGB	0, 42, 65
RGB Percent	0%, 16%, 25%
CMY	1.0000, 0.8353, 0.7451
CMYK	1.00, 0.35, 0.00, 0.75
HSL	201°, 100%, 13%
HSV	201°, 100%, 25%
XYZ	1.7821, 2.0376, 5.3004
YIQ	32.0640, -32.4150, -1.7510

Conversions

Conversions Part 2

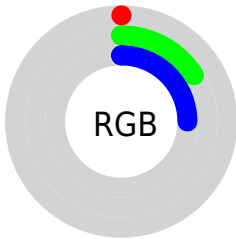
Format	Color
RYB	0, 26, 65
Decimal	10817
CIELab	15.68, -3.73, -18.40
CIELCh	16, 18.775, 258.528
Yxy	2.0376, 0.1954, 0.2234
Android (android.graphics.Color)	4278200897 (0xFF002A41)
YUV	32.0640, 16.2374, -28.1201
Hunter-Lab	14.2744, -2.6952, -12.0236

Details

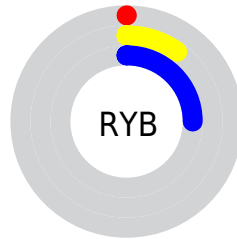
The Android color **4278200897** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282455808**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281816945**, and **4278190358** is the 20% darker color. If you saturate the color by 10%, you get **4278200897**, and if you desaturate by 10%, it is **4278594625**.

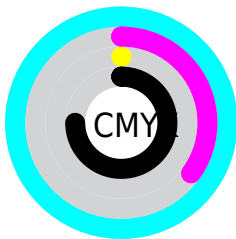
Distribution



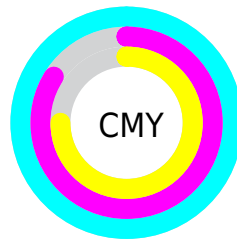
- Red (0%)
- Green (16%)
- Blue (25%)



- Red (0%)
- Yellow (10%)
- Blue (25%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (84%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278200897 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 4278200897 by changing the saturation by 10% instead.

 4278200897

 4278200897

 4294180863

 4278195755

 4281816945

 4278190358

 4283461515

 4278190080

 4285172133

 4286882752

 4288659164

 4290435833

 4292343551

 4278200897

■ 4278594625

■ 4279054145

■ 4279513409

■ 4279907137

■ 4280366401

■ 4280760385

■ 4281154113

■ 4281613377

■ 4282072897

Harmonies

Analogous

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



4278201659



4278200897



4280297024

Triad

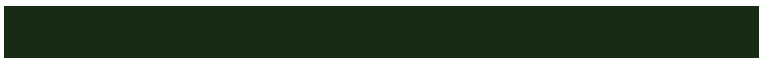
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278200897



4282391583



4279774229

Complementary

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



4278200897



4282455808

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.



4280756492



4278200897



4282130452

Square

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



4278200897



4282194989



4281541899



4278267425

Rectangle

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



4278200897



4281147964



4281541899



4280101649

Sweetspot

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



4278200897



4282075988



4278206743



4280034859



4289440683



4281019179

Same Dimension

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



4278200897



4278203988



4278192705



4280164385



4278206305



4278227424

Inverse Universe

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



4282449962



4283695158



4282464000



4280360480



4284547135



4292870289

Previews

White Background



This preview shows how the Android color 4278200897 looks on a white background.

Color Contrast Check

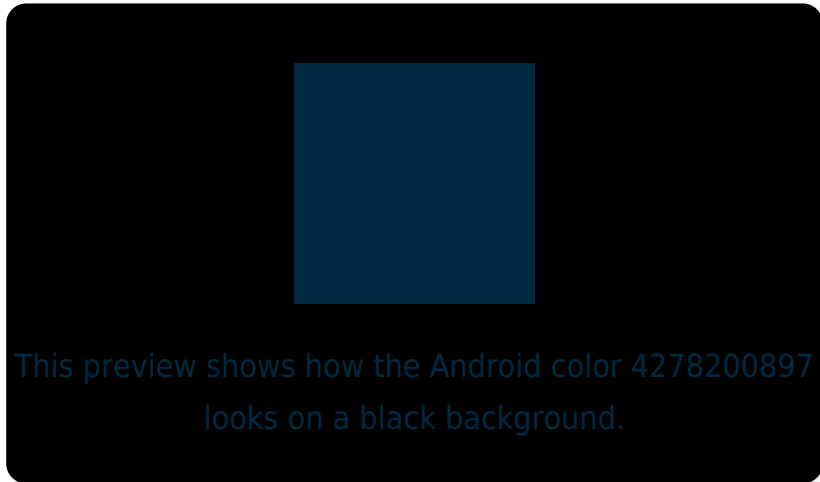
Large Text (above 18pt) WCAG AA ✓ Pass

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

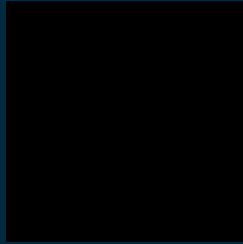
Any Text WCAG AA × Fail

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 4278200897 Background



This preview shows how black text looks on a background with the Android color 4278200897.



This preview shows how white text looks on a background with the Android color 4278200897.

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
4278200897

Protanopia
4280231742

Deuteranopia
4279773249

Trichromacy



Original Color

4278200897

Protanomaly

4279511103

Deuteranomaly

4279183681

Tritanomaly

4278201142

Monochromacy



Original Color

4278200897

Achromatopsia

4280295456

Achromatomaly

4279510060

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200897 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, 42, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 65)  
}
```

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, 42, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 65) }
```

Border

The CSS property to change the border of an element to Android 4278200897 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, 42, 65) }
```

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

```
.border{ border-color:rgb(0, 42, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 42, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 42, 65); box-shadow:4px  
4px 4px 4px rgb(0, 42, 65) }
```

Background

The CSS property to change the background color of an element to Android 4278200897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 65) }
```

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

```
.background{ background-color: rgb(0, 42,  
65) }
```

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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