

Converting Colors

Android(4278332731)

Have a look what the booklet for
Android(4278332731) contains.

Android(4278332731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278332731)

Conversions

Conversions Part 1

Format	Color
Hex	022D3B
RGB	2, 45, 59
RGB Percent	1%, 18%, 23%
CMY	0.9922, 0.8235, 0.7686
CMYK	0.97, 0.24, 0.00, 0.77
HSL	195°, 93%, 12%
HSV	195°, 97%, 23%
XYZ	1.7528, 2.2054, 4.4710
YIQ	33.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

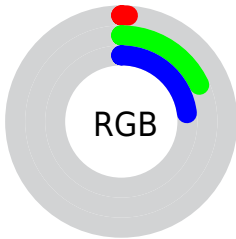
Format	Color
RYB	2, 27, 59
Decimal	142651
CIELab	16.53, -8.12, -12.91
CIELCh	17, 15.252, 237.846
Yxy	2.2054, 0.2079, 0.2616
Android (android.graphics.Color)	4278332731 (0xFF022D3B)
YUV	33.7390, 12.4537, -27.8351
Hunter-Lab	14.8507, -4.9204, -7.4544

Details

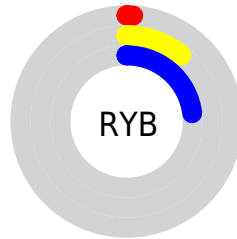
The Android color **4278332731** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282060802**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4281817962**, and **4278190352** is the 20% darker color. If you saturate the color by 10%, you get **4278201659**, and if you desaturate by 10%, it is **4278726203**.

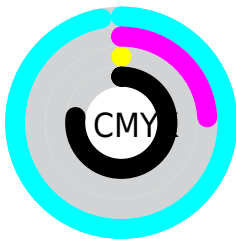
Distribution



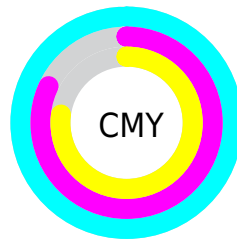
- Red (1%)
- Green (18%)
- Blue (23%)



- Red (1%)
- Yellow (11%)
- Blue (23%)



- Cyan (97%)
- Magenta (24%)
- Yellow (0%)
- Black (77%)



- Cyan (99%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278332731 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 4278332731 by changing the saturation by 10% instead.

4278332731

4278332731

4294115327

4278196517

4281817962

4278190352

4283462531

4278190080

4285107614

4286818232

4288594644

4290371313

4292213759

4278332731

4278332731

■ 4278201659

■ 4278726203

■ 4279119931

■ 4279513403

■ 4279907131

■ 4280235067

■ 4280628795

■ 4281022267

■ 4281415995

■ 4281809467

Harmonies

Analogous

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



4278201907



4278332731



4279708222

Triad

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



4278332731



4282196010



4280691477

Complementary

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



4278332731



4282060802

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.



4281411603



4278332731



4282261791

Square

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



4278332731



4281738037



4281934871



4279840285

Rectangle

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



4278332731



4280494142



4281934871



4280887828

Sweetspot

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



4278332731



4281747277



4278336271



4279837478



4289111718



4280690214

Same Dimension

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



4278332731



4278205005



4278325563



4280032799



4278208350



4278233054

Inverse Universe

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



4282057261



4283236410



4282067970



4280228894



4284350535



4292739239

Previews

White Background



This preview shows how the Android color 4278332731 looks on a white background.

Color Contrast Check

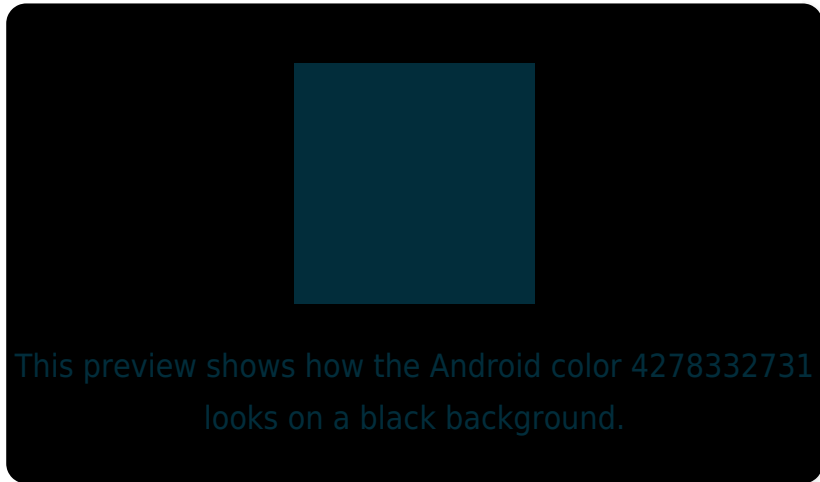
Large Text (above 18pt) WCAG AA ✓ Pass

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

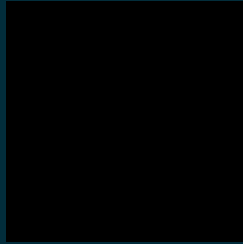
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

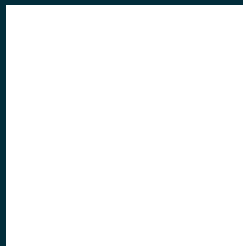
Any Text WCAG AAA × Fail

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

Android 4278332731 Background



This preview shows how black text looks on a background with the Android color 4278332731.



This preview shows how white text looks on a background with the Android color 4278332731.

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

4278332731

Protanopia

4280625464

Deuteranopia

4280428860

Trichromacy



Original Color
4278332731

Protanomaly
4279773753

Deuteranomaly
4279642684

Tritanomaly
4278267445

Monochromacy



Original Color
4278332731

Achromatopsia
4280427042

Achromatomaly
4279641643

CSS Examples

Text

The CSS property to change the color of the text to Android 4278332731 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(2, 45, 59)` looks like.

```
.text, #text, p{  
    color:rgb(2, 45, 59)  
}
```

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(2, 45, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 45, 59) }
```

Border

The CSS property to change the border of an element to Android 4278332731 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(2, 45, 59) }
```

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

```
.border{ border-color:rgb(2, 45, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 45, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 45, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 45, 59); box-shadow:4px  
4px 4px 4px rgb(2, 45, 59) }
```

Background

The CSS property to change the background color of an element to Android 4278332731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 45, 59) }
```

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

```
.background{ background-color: rgb(2, 45,  
59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor