

Converting Colors

Android(4278202173)

Have a look what the booklet for
Android(4278202173) contains.

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Color

Android(4278202173)

Conversions

Conversions Part 1

Format	Color
Hex	002F3D
RGB	0, 47, 61
RGB Percent	0%, 18%, 24%
CMY	1.0000, 0.8157, 0.7608
CMYK	1.00, 0.23, 0.00, 0.76
HSL	194°, 100%, 12%
HSV	194°, 100%, 24%
XYZ	1.8588, 2.3700, 4.7744
YIQ	34.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

Format	Color
RYB	0, 27, 61
Decimal	12093
CIELab	17.32, -8.91, -13.08
CIELCh	17, 15.824, 235.734
Yxy	2.3700, 0.2065, 0.2632
Android (android.graphics.Color)	4278202173 (0xFF002F3D)
YUV	34.5430, 13.0433, -30.2942
Hunter-Lab	15.3946, -5.3877, -7.6114

Details

The Android color **4278202173** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282191360**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4281818476**, and **4278190354** is the 20% darker color. If you saturate the color by 10%, you get **4278202173**, and if you desaturate by 10%, it is **4278595645**.

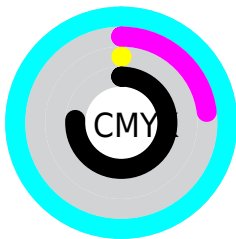
Distribution



- Red (0%)
- Green (18%)
- Blue (24%)



- Red (0%)
- Yellow (11%)
- Blue (24%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202173 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 4278202173 by changing the saturation by 10% instead.

 4278202173

 4278202173

 4294115327

 4278197031

 4281818476

 4278190354

 4283463302

 4278190080

 4285108128

 4286819003

 4288595415

 4290372083

 4292280063

 4278202173

■ 4278595645

■ 4278989373

■ 4279382845

■ 4279776573

■ 4280235581

■ 4280629053

■ 4281022781

■ 4281416253

■ 4281809981

Harmonies

Analogous

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



4278202420



4278202173



4279643201

Triad

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



4278202173



4282327597



4280823062

Complementary

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



4278202173



4282191360

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.



4281542932



4278202173



4282393121

Square

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



4278202173



4281803831



4282131736



4279906077

Rectangle

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



4278202173



4280560192



4282131736



4281084948

Sweetspot

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



4278202173



4281813583



4278205709



4279903529



4289243304



4280887593

Same Dimension

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



4278202173



4278205775



4278194493



4280032799



4278208862



4278234078

Inverse Universe

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



4282187823



4283367485



4282199040



4280228894



4284350537



4292739243

Previews

White Background



This preview shows how the Android color 4278202173 looks on a white background.

Color Contrast Check

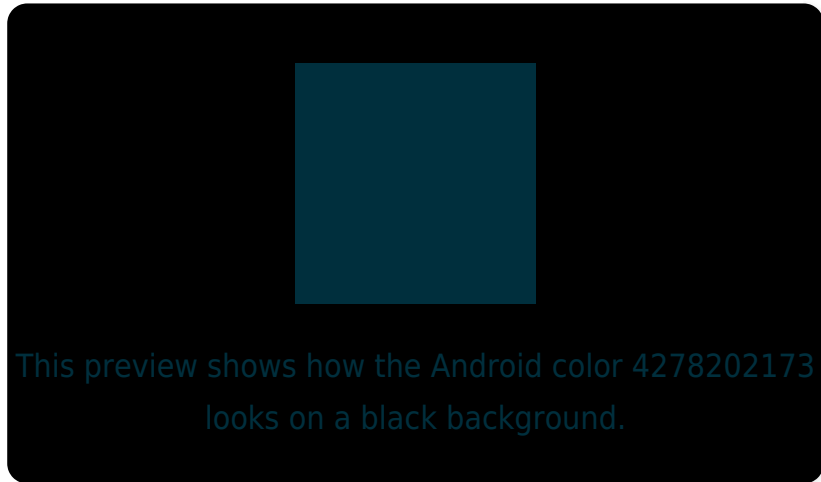
Large Text (above 18pt) WCAG AA ✓ Pass

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

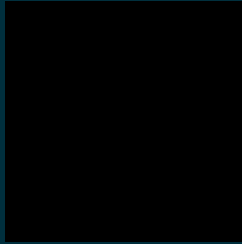
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

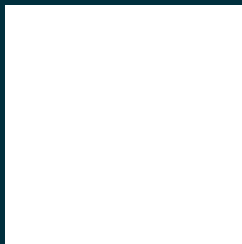
Any Text WCAG AAA × Fail

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

Android 4278202173 Background



This preview shows how black text looks on a background with the Android color 4278202173.



This preview shows how white text looks on a background with the Android color 4278202173.

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

4278202173

Protanopia

4280757050

Deuteranopia

4280560446

Trichromacy



Original Color

4278202173

Protanomaly

4279839803

Deuteranomaly

4279708734

Tritanomaly

4278202423

Monochromacy



Original Color

4278202173

Achromatopsia

4280492835

Achromatomaly

4279641900

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202173 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, 47, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 61)  
}
```

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, 47, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 61) }
```

Border

The CSS property to change the border of an element to Android 4278202173 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, 47, 61) }
```

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

```
.border{ border-color:rgb(0, 47, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 47, 61); box-shadow:4px  
4px 4px 4px rgb(0, 47, 61) }
```

Background

The CSS property to change the background color of an element to Android 4278202173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 61) }
```

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

```
.background{ background-color: rgb(0, 47,  
61) }
```

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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