

Converting Colors

Android(4278204742)

Have a look what the booklet for
Android(4278204742) contains.

Android(4278204742)	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(4278204742)

Conversions

Conversions Part 1

Format	Color
Hex	003946
RGB	0, 57, 70
RGB Percent	0%, 22%, 27%
CMY	1.0000, 0.7765, 0.7255
CMYK	1.00, 0.19, 0.00, 0.73
HSL	191°, 100%, 14%
HSV	191°, 100%, 27%
XYZ	2.5686, 3.3685, 6.3091
YIQ	41.4390, -38.1450, -8.0410

Conversions

Conversions Part 2

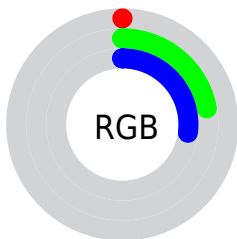
Format	Color
RYB	0, 31, 70
Decimal	14662
CIELab	21.46, -11.43, -12.80
CIELCh	21, 17.163, 228.234
Yxy	3.3685, 0.2097, 0.2751
Android (android.graphics.Color)	4278204742 (0xFF003946)
YUV	41.4390, 14.0806, -36.3420
Hunter-Lab	18.3533, -7.1366, -7.5342

Details

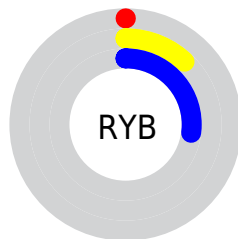
The Android color **4278204742** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282780928**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282083446**, and **4278192923** is the 20% darker color. If you saturate the color by 10%, you get **4278204742**, and if you desaturate by 10%, it is **4278663750**.

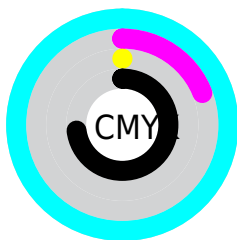
Distribution



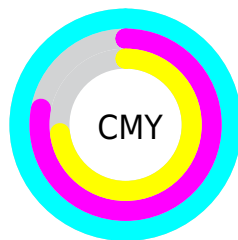
- Red (0%)
- Green (22%)
- Blue (27%)



- Red (0%)
- Yellow (12%)
- Blue (27%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204742 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 4278204742 by changing the saturation by 10% instead.

 4278204742

 4278204742

 4294574079

 4278199088

 4282083446

 4278192923

 4283728272

 4278190080

 4285438890

 4287149766

 4288926434

 4290768638

 4292673535

 4278204742

■ 4278663750

■ 4279123014

■ 4279582022

■ 4280041030

■ 4280500038

■ 4280959302

■ 4281418310

■ 4281877318

■ 4282336582

Harmonies

Analogous

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



4278270523



4278204742



4279711308

Triad

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



4278204742



4282985017



4281611547

Complementary

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



4278204742



4282780928

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.



4282396955



4278204742



4283181612

Square

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



4278204742



4282264900



4282985761



4280694818

Rectangle

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



4278204742



4280759372



4282985761



4281873434

Sweetspot

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



4278204742



4282406748



4278208013



4280101678



4289572269



4281216558

Same Dimension

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



4278204742



4278209372



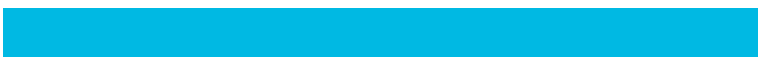
4278195782



4280296228



4278210915



4278237667

Inverse Universe

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



4282777657



4284219467



4282789888



4280557603



4284678225



4293066937

Previews

White Background



This preview shows how the Android color 4278204742 looks on a white background.

Color Contrast Check

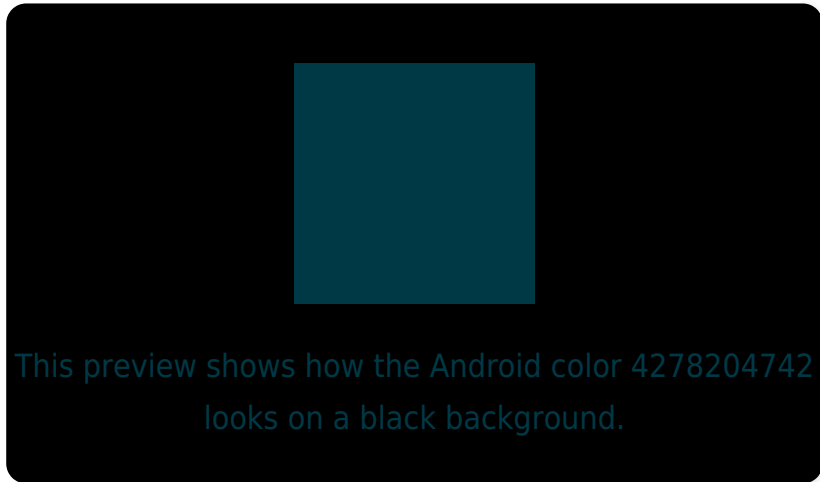
Large Text (above 18pt) WCAG AA ✓ Pass

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

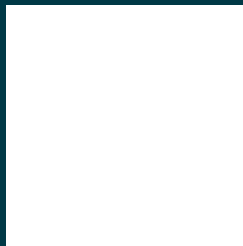
Any Text WCAG AAA × Fail

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

Android 4278204742 Background



This preview shows how black text looks on a background with the Android color 4278204742.



This preview shows how white text looks on a background with the Android color 4278204742.

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

4278204742

Protanopia

4281348930

Deuteranopia

4281217863

Trichromacy



Original Color

4278204742

Protanomaly

4280235331

Deuteranomaly

4280104263

Tritanomaly

4278204993

Monochromacy



Original Color

4278204742

Achromatopsia

4280887593

Achromatomaly

4279906100

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204742 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, 57, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 70)  
}
```

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, 57, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 70) }
```

Border

The CSS property to change the border of an element to Android 4278204742 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, 57, 70) }
```

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

```
.border{ border-color:rgb(0, 57, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 70); box-shadow:4px  
4px 4px 4px rgb(0, 57, 70) }
```

Background

The CSS property to change the background color of an element to Android 4278204742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 70) }
```

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

```
.background{ background-color: rgb(0, 57,  
70) }
```

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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