

Converting Colors

Android(4278190880)

Have a look what the booklet for
Android(4278190880) contains.

Android(4278190880)	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(4278190880)

Conversions

Conversions Part 1

Format	Color
Hex	000320
RGB	0, 3, 32
RGB Percent	0%, 1%, 13%
CMY	1.0000, 0.9882, 0.8745
CMYK	1.00, 0.91, 0.00, 0.87
HSL	234°, 100%, 6%
HSV	234°, 100%, 13%
XYZ	0.2933, 0.1694, 1.3837
YIQ	5.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

Format	Color
RYB	0, 3, 32
Decimal	800
CIELab	1.53, 5.42, -16.45
CIELCh	2, 17.317, 288.231
Yxy	0.1694, 0.1588, 0.0917
Android (android.graphics.Color)	4278190880 (0xFF000320)
YUV	5.4090, 13.1094, -4.7437
Hunter-Lab	4.1159, 5.5158, -17.0516

Details

The Android color **4278190880** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280294656**, and the grayscale version is **4278519045**.

A 20% lighter version of the original color is **4281217612**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278190880**, and if you desaturate by 10%, it is **4278388256**.

Distribution



- Red (0%)
- Green (1%)
- Blue (13%)



- Red (0%)
- Yellow (1%)
- Blue (13%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190880 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 4278190880 by changing the saturation by 10% instead.

 4278190880

 4278190880

 4293060095

 4278190084

 4281217612

 4278190080


 4282730852

 4284309629

 4285954455

 4287599537

 4289375693

 4291217897

 4278190880

■ 4278388256

■ 4278585632

■ 4278848544

■ 4279045920

■ 4279243296

■ 4279440416

■ 4279637792

■ 4279900704

■ 4280098080

Harmonies

Analogous

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



4278192672



4278190880



4279631898

Triad

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



4278190880



4280025088



4278192640

Complementary

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



4278190880



4280294656

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.



4278192640



4278190880



4279304960

Square

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



4278190880



4280418304



4278192640



4278192913

Rectangle

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



4278190880



4280090643



4278192640

Sweetspot

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



4278190880



4280098345



4278198301



4279045652



4287927444



4279505940

Same Dimension

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



4278190880



4278191145



4279042080



4279111183



4278191951



4278195151

Inverse Universe

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



4280287235



4280877060



4279443456



4279176718



4283367431



4291756051

Previews

White Background



This preview shows how the Android color 4278190880 looks on a white background.

Color Contrast Check

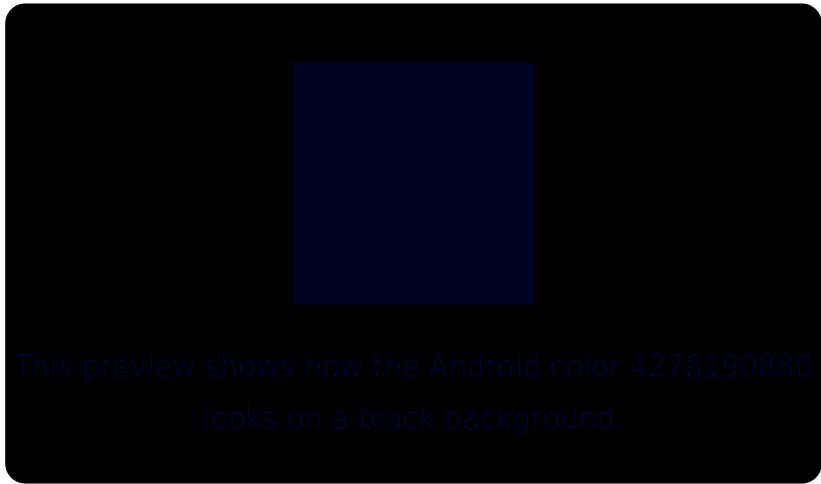
Large Text (above 18pt) WCAG AA ✓ Pass

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

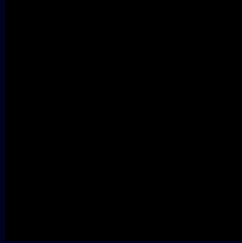
Any Text WCAG AA × Fail

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 4278190880 Background



This preview shows how black text looks on a background with the Android color 4278190880.



This preview shows how white text looks on a background with the Android color 4278190880.

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


4278190880

Protanopia

4278192660

Deuteranopia

4278192657



Tritanopia
4278192908

Trichromacy



Original Color
4278190880

Protanomaly
4278191896

Deuteranomaly
4278191894

Tritanomaly
4278192147

Monochromacy



Original Color
4278190880

Achromatopsia
4278519045

Achromatomaly
4278387727

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190880 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, 3, 32)` looks like.

```
.text, #text, p{  
    color:rgb(0, 3, 32)  
}
```

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, 3, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 3, 32) }
```

Border

The CSS property to change the border of an element to Android 4278190880 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, 3, 32) }
```

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

```
.border{ border-color:rgb(0, 3, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 3, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 3, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 3, 32); box-shadow:4px  
4px 4px 4px rgb(0, 3, 32) }
```

Background

The CSS property to change the background color of an element to Android 4278190880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 3, 32) }
```

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

```
.background{ background-color: rgb(0, 3,  
32) }
```

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