

Converting Colors

Android(4278197520)

Have a look what the booklet for
Android(4278197520) contains.

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Color

Android(4278197520)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 001D10 |
| RGB | 0, 29, 16 |
| RGB Percent | 0%, 11%, 6% |
| CMY | 1.0000, 0.8863, 0.9373 |
| CMYK | 1.00, 0.00, 0.45, 0.89 |
| HSL | 153°, 100%, 6% |
| HSV | 153°, 100%, 11% |
| XYZ | 0.5329, 0.9161, 0.6390 |
| YIQ | 18.8470, -13.1110, -10.1910 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 0, 19, 29 |
| Decimal | 7440 |
| CIELab | 8.27, -13.83, 5.12 |
| CIElCh | 8, 14.746, 159.669 |
| Yxy | 0.9161, 0.2552, 0.4388 |
| Android (android.graphics.Color) | 4278197520 (0xFF001D10) |
| YUV | 18.8470, -1.4036, -16.5288 |
| Hunter-Lab | 9.5715, -6.8122, 2.7421 |

Details

The Android color **4278197520** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280090637**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4281157690**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278197520**, and if you desaturate by 10%, it is **4278394129**.

Distribution



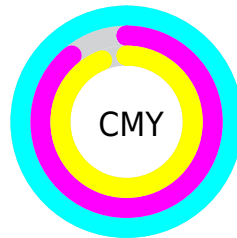
- Red (0%)
- Green (11%)
- Blue (6%)



- Red (0%)
- Yellow (7%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278197520 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 4278197520 by changing the saturation by 10% instead.

 4278197520

 4278197520

 4293001200

 4278190080

 4281157690

 4282671185

 4284250474

 4285895555

 4287606173

 4289382840

 4291159507

 4278197520

■ 4278394129

■ 4278590739

■ 4278787348

■ 4278983957

■ 4279180567

■ 4279311640

■ 4279508249

■ 4279704858

■ 4279901468

Harmonies

Analogous

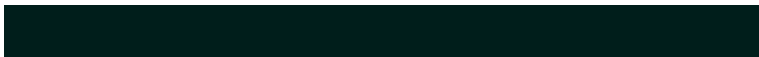
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4279311106



4278197520



4278197787

Triad

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



4278197520



4279048235



4280947208

Complementary

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



4278197520



4280090637

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.



4280946709



4278197520



4280095783

Square

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



4278197520



4278197034



4280750367



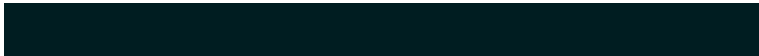
4280620288

Rectangle

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



4278197520



4278197537



4280750367



4280946957

Sweetspot

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



4278197520



4279969313



4279049472



4279047185



4287927444



4279505940

Same Dimension

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



4278197520



4278199829



4278197277



4279111439



4278210348



4278243186

Inverse Universe

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



4280090637



4280680465



4280090880



4279176718



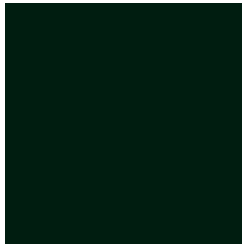
4283367459



4291756125

Previews

White Background



This preview shows how the Android color 4278197520 looks on a white background.

Color Contrast Check

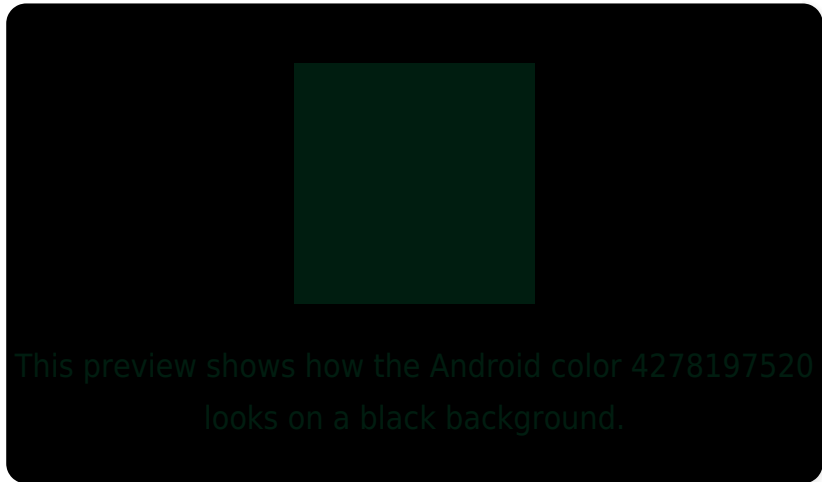
Large Text (above 18pt) WCAG AA ✓ Pass

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

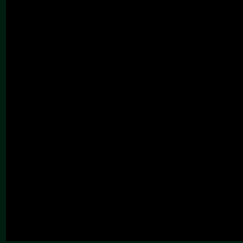
Any Text WCAG AA × Fail

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 4278197520 Background



This preview shows how black text looks on a background with the Android color 4278197520.



This preview shows how white text looks on a background with the Android color 4278197520.

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
4278197520

Protanopia
4279965967

Deuteranopia
4280162321



Tritanopia
4278917918

Trichromacy



Original Color

4278197520

Protanomaly

4279310863

Deuteranomaly

4279441937

Tritanomaly

4278656025

Monochromacy



Original Color

4278197520

Achromatopsia

4279440147

Achromatomaly

4278982418

CSS Examples

Text

The CSS property to change the color of the text to Android 4278197520 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, 29, 16)` looks like.

```
.text, #text, p{  
    color:rgb(0, 29, 16)  
}
```

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, 29, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 29, 16) }
```

Border

The CSS property to change the border of an element to Android 4278197520 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, 29, 16) }
```

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

```
.border{ border-color:rgb(0, 29, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 29, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 29, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 29, 16); box-shadow:4px  
4px 4px 4px rgb(0, 29, 16) }
```

Background

The CSS property to change the background color of an element to Android 4278197520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 29, 16) }
```

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

```
.background{ background-color: rgb(0, 29,  
16) }
```

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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