

Converting Colors

Android(4278191380)

Have a look what the booklet for
Android(4278191380) contains.

Android(4278191380)	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(4278191380)

Conversions

Conversions Part 1

Format	Color
Hex	000514
RGB	0, 5, 20
RGB Percent	0%, 2%, 8%
CMY	1.0000, 0.9804, 0.9216
CMYK	1.00, 0.75, 0.00, 0.92
HSL	225°, 100%, 4%
HSV	225°, 100%, 8%
XYZ	0.1805, 0.1590, 0.6830
YIQ	5.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

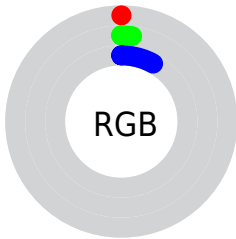
Format	Color
RYB	0, 4, 20
Decimal	1300
CIELab	1.44, 1.20, -7.29
CIELCh	1, 7.391, 279.368
Yxy	0.1590, 0.1765, 0.1555
Android (android.graphics.Color)	4278191380 (0xFF000514)
YUV	5.2150, 7.2890, -4.5736
Hunter-Lab	3.9881, 1.1014, -7.3624

Details

The Android color **4278191380** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279504640**, and the grayscale version is **4278519045**.

A 20% lighter version of the original color is **4281348926**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278191380**, and if you desaturate by 10%, it is **4278322708**.

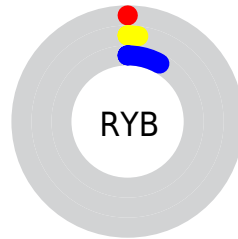
Distribution



Red (0%)

Green (2%)

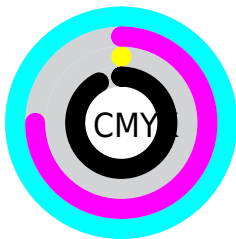
Blue (8%)



Red (0%)

Yellow (2%)

Blue (8%)

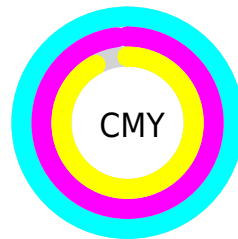


Cyan (100%)

Magenta (75%)

Yellow (0%)

Black (92%)



Cyan (100%)

Magenta (98%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191380 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 4278191380 by changing the saturation by 10% instead.

■ 4278191380

■ 4278191380

■ 4293060340

■ 4278190080

■ 4281348926

■ 4282796629

■ 4284375662

■ 4285954695

■ 4287665313

■ 4289441724

■ 4291218136

■ 4278191380

■ 4278322708

■ 4278454292

■ 4278585876

■ 4278717204

■ 4278848788

■ 4278980116

■ 4279111700

■ 4279243028

■ 4279374612

Harmonies

Analogous

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



4278192147



4278191380



4278911506

Triad

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



4278191380



4279501056



4278192640

Complementary

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



4278191380



4279504640

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.



4278192384



4278191380



4279108352

Square

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



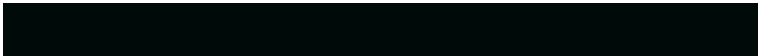
4278191380



4279631875



4278519296



4278192648

Rectangle

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



4278191380



4279238926



4278519296



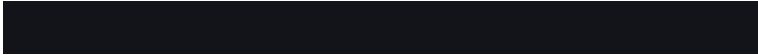
4278192640

Sweetspot

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



4278191380



4279374874



4278195215



4278716685



4287401100



4279045389

Same Dimension

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



4278191380



4278191642



4278517780



4278782218



4278194762



4278203081

Inverse Universe

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



4279500805



4279894022



4279178240



4278847753



4283039762



4291362866

Previews

White Background



This preview shows how the Android color 4278191380 looks on a white background.

Color Contrast Check

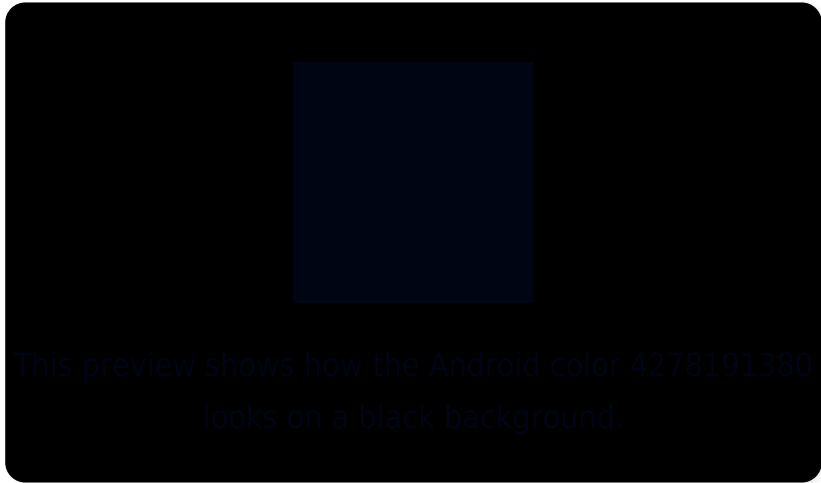
Large Text (above 18pt) WCAG AA ✓ Pass

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

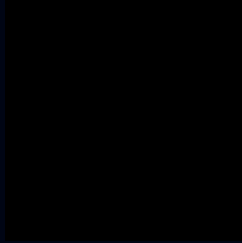
Any Text WCAG AA × Fail

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 4278191380 Background



This preview shows how black text looks on a background with the Android color 4278191380.



This preview shows how white text looks on a background with the Android color 4278191380.

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
4278191380

Protanopia
4278191887

Deuteranopia
4278191884



Tritanopia
4278192136

Trichromacy



Original Color
4278191380

Protanomaly
4278191633

Deuteranomaly
4278191631

Tritanomaly
4278191884

Monochromacy



Original Color
4278191380

Achromatopsia
4278519045

Achromatomaly
4278387978

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191380 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, 5, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 5, 20)  
}
```

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, 5, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 5, 20) }
```

Border

The CSS property to change the border of an element to Android 4278191380 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, 5, 20) }
```

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

```
.border{ border-color:rgb(0, 5, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 5, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 5, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 5, 20); box-shadow:4px  
4px 4px 4px rgb(0, 5, 20) }
```

Background

The CSS property to change the background color of an element to Android 4278191380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 5, 20) }
```

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

```
.background{ background-color: rgb(0, 5,  
20) }
```

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