

Converting Colors

Android(4278190100)

Have a look what the booklet for
Android(4278190100) contains.

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Color

Android(4278190100)

Conversions

Conversions Part 1

Format	Color
Hex	000014
RGB	0, 0, 20
RGB Percent	0%, 0%, 8%
CMY	1.0000, 1.0000, 0.9216
CMYK	1.00, 1.00, 0.00, 0.92
HSL	240°, 100%, 4%
HSV	240°, 100%, 8%
XYZ	0.1263, 0.0505, 0.6649
YIQ	2.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

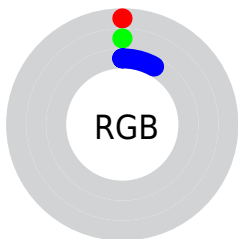
Format	Color
RYB	0, 0, 20
Decimal	20
CIELab	0.46, 3.21, -8.72
CIELCh	0, 9.294, 290.178
Yxy	0.0505, 0.1500, 0.0600
Android (android.graphics.Color)	4278190100 (0xFF000014)
YUV	2.2800, 8.7360, -1.9996
Hunter-Lab	2.2474, 6.0960, -15.9685

Details

The Android color **4278190100** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279505920**, and the grayscale version is **4278321666**.

A 20% lighter version of the original color is **4281282622**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278190100**, and if you desaturate by 10%, it is **4278321684**.

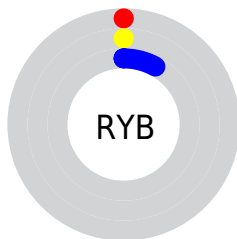
Distribution



Red (0%)

Green (0%)

Blue (8%)



Red (0%)

Yellow (0%)

Blue (8%)

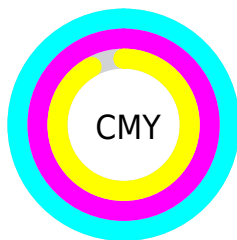


Cyan (100%)

Magenta (100%)

Yellow (0%)

Black (92%)



Cyan (100%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190100 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 4278190100 by changing the saturation by 10% instead.

 4278190100

 4278190100

 4293059316

 4278190080

 4281282622


 4282795861

 4284374638

 4285953927

 4287664545

 4289440700

 4291217112

 4278190100

■ 4278321684

■ 4278453268

■ 4278584852

■ 4278716436

■ 4278848020

■ 4278979604

■ 4279111188

■ 4279242772

■ 4279374356

Harmonies

Analogous

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



4278191125



4278190100



4279042064

Triad

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



4278190100



4279304192



4278190848

Complementary

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



4278190100



4279505920

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.



4278190848



4278190100



4278648832

Square

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



4278190100



4279566336



4278190848



4278191113

Rectangle

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



4278190100



4279435274



4278190848

Sweetspot

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



4278190100



4279374362



4278195220



4278716429



4287401100



4279045389

Same Dimension

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



4278190100



4278190106



4278845460



4278782218



4278190154



4278190281

Inverse Universe

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



4279500820



4279894042



4278850560



4278847754



4283039818



4291363017

Previews

White Background



This preview shows how the Android color 4278190100 looks on a white background.

Color Contrast Check

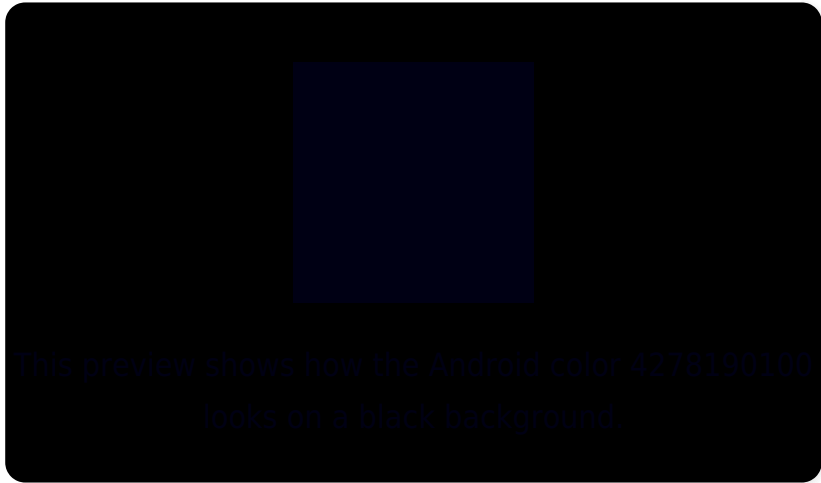
Large Text (above 18pt) WCAG AA ✓ Pass

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

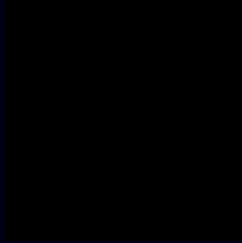
Any Text WCAG AA × Fail

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 4278190100 Background



This preview shows how black text looks on a background with the Android color 4278190100.



This preview shows how white text looks on a background with the Android color 4278190100.

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
4278190100

Protanopia
4278191628

Deuteranopia
4278191626



Tritanopia
4278191879

Trichromacy



Original Color
4278190100

Protanomaly
4278191119

Deuteranomaly
4278191118

Tritanomaly
4278191116

Monochromacy



Original Color
4278190100

Achromatopsia
4278321666

Achromatomaly
4278255881

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190100 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, 0, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 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, 0, 20) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4278190100 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, 0, 20) }
```

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

```
.border{ border-color:rgb(0, 0, 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, 0, 20) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4278190100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(0, 0,  
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](#).

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