

Converting Colors

Android(4278190093)

Have a look what the booklet for
Android(4278190093) contains.

| | |
|--|----|
| Android(4278190093) | 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(4278190093)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 00000D |
| RGB | 0, 0, 13 |
| RGB Percent | 0%, 0%, 5% |
| CMY | 1.0000, 1.0000, 0.9490 |
| CMYK | 1.00, 1.00, 0.00, 0.95 |
| HSL | 240°, 100%, 3% |
| HSV | 240°, 100%, 5% |
| XYZ | 0.0726, 0.0291, 0.3825 |
| YIQ | 1.4820, -4.1730, 4.0430 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 0, 0, 13 |
| Decimal | 13 |
| CIELab | 0.26, 1.84, -5.02 |
| CIELCh | 0, 5.347, 290.178 |
| Yxy | 0.0291, 0.1500, 0.0600 |
| Android (android.graphics.Color) | 4278190093 (0xFF0000D) |
| YUV | 1.4820, 5.6784, -1.2997 |
| Hunter-Lab | 1.7047, 4.6239, -12.1123 |

Details

The Android color **4278190093** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279045376**, and the grayscale version is **4278255873**.

A 20% lighter version of the original color is **4281348152**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278190093**, and if you desaturate by 10%, it is **4278255885**.

Distribution



Red (0%)

Green (0%)

Blue (5%)



Red (0%)

Yellow (0%)

Blue (5%)



Cyan (100%)

Magenta (100%)

Yellow (0%)

Black (95%)



Cyan (100%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190093 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 4278190093 by changing the saturation by 10% instead.

■ 4278190093

■ 4278190093

■ 4293059309

■ 4278190080

■ 4281348152

■ 4282795855

■ 4284374631

■ 4286019456

■ 4287664538

■ 4289440693

■ 4291217104

■ 4278190093

■ 4278255885

■ 4278387469

■ 4278453261

■ 4278519053

■ 4278650637

■ 4278716429

■ 4278782221

■ 4278848013

■ 4278979597

Harmonies

Analogous

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



4278190605



4278190093



4278714377

Triad

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



4278190093



4278845440



4278190592

Complementary

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



4278190093



4279045376

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.



4278190592



4278190093



4278452224

Square

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



4278190093



4279107584



4278190592



4278190597

Rectangle

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



4278190093



4278976518



4278190592

Sweetspot

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



4278190093



4278979602



4278193421



4278650634



4287269514



4278848010

Same Dimension

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



4278190093



4278190098



4278648845



4278650632



4278190151



4278190279

Inverse Universe

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



4279042061



4279369746



4278652160



4278716168



4282843207



4291231943

Previews

White Background



This preview shows how the Android color 4278190093 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

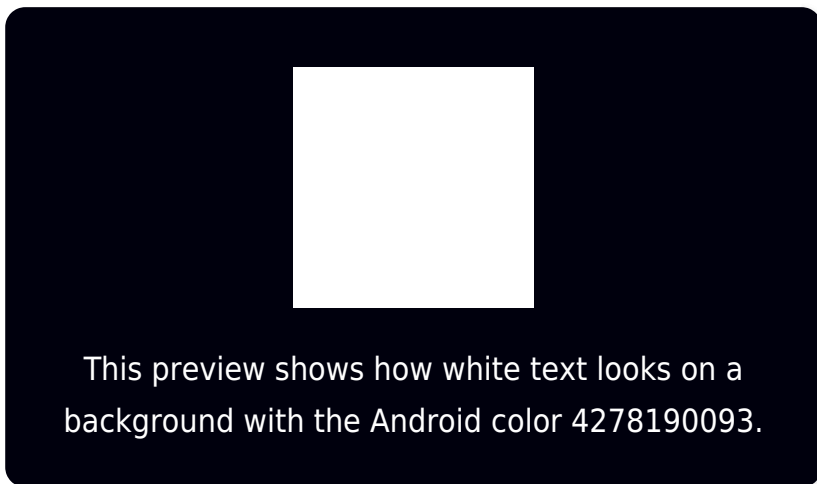
Any Text WCAG AA × Fail

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 4278190093 Background



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
4278190093

Protanopia
4278191112

Deuteranopia
4278191111



Tritanopia
4278191109

Trichromacy



Original Color

4278190093

Protanomaly

4278190858

Deuteranomaly

4278190857

Tritanomaly

4278190856

Monochromacy



Original Color

4278190093

Achromatopsia

4278255873

Achromatomaly

4278255877

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190093 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 13) }
```

Border

The CSS property to change the border of an element to Android 4278190093 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, 13) }
```

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

```
.border{ border-color:rgb(0, 0, 13) }
```

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, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 13); box-shadow:4px  
4px 4px 4px rgb(0, 0, 13) }
```

Background

The CSS property to change the background color of an element to Android 4278190093 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, 13) }
```

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

```
.background{ background-color: rgb(0, 0,  
13) }
```

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