

Converting Colors

Android(4278396948)

Have a look what the booklet for
Android(4278396948) contains.

Android(4278396948)	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(4278396948)

Conversions

Conversions Part 1

Format	Color
Hex	032814
RGB	3, 40, 20
RGB Percent	1%, 16%, 8%
CMY	0.9882, 0.8431, 0.9216
CMYK	0.93, 0.00, 0.50, 0.84
HSL	148°, 86%, 8%
HSV	148°, 92%, 16%
XYZ	0.9226, 1.5874, 0.9196
YIQ	26.6570, -15.6320, -14.0640

Conversions

Conversions Part 2

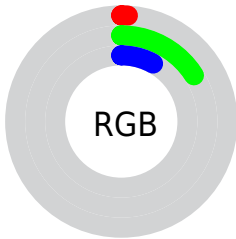
Format	Color
R_YB	3, 28, 40
Decimal	206868
CIE Lab	13.15, -19.00, 9.53
CIE LCh	13, 21.257, 153.378
Yxy	1.5874, 0.2690, 0.4629
Android (android.graphics.Color)	4278396948 (0xFF032814)
YUV	26.6570, -3.2819, -20.7472
Hunter-Lab	12.5994, -8.9780, 4.4921

Details

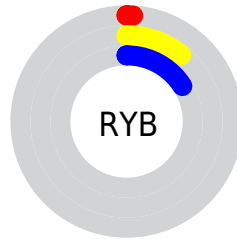
The Android color **4278396948** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280812311**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281423422**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278200338**, and if you desaturate by 10%, it is **4278659094**.

Distribution



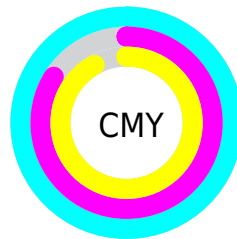
- Red (1%)
- Green (16%)
- Blue (8%)



- Red (1%)
- Yellow (11%)
- Blue (16%)



- Cyan (93%)
- Magenta (0%)
- Yellow (50%)
- Black (84%)



- Cyan (99%)
- Magenta (84%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278396948 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 4278396948 by changing the saturation by 10% instead.

 4278396948

 4278396948

 4293459957

 4278194944

 4281423422

 4278190080


 4283002454

 4284581998

 4286292615

 4288003490

 4289780157

 4291556824

 4278396948

 4278396948

■ 4278200338

■ 4278659094

■ 4278921240

■ 4279183386

■ 4279445533

■ 4279707679

■ 4279969825

■ 4280231971

■ 4280494117

■ 4280756263

Harmonies

Analogous

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



4279903747



4278396948



4278200611

Triad

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



4278396948



4278461247



4282062610

Complementary

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



4278396948



4280812311

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.



4282127393



4278396948



4280622395

Square

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



4278396948



4278200124



4281669423



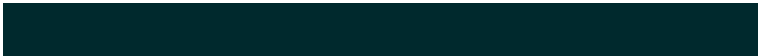
4281670658

Rectangle

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



4278396948



4278200621



4281669423



4282193175

Sweetspot

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



4278396948



4280628011



4279707651



4279310869



4288256409



4279900698

Same Dimension

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



4278396948



4278203159



4278396966



4279374867



4278211623



4278244449

Inverse Universe

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



4280812311



4281532444



4280812293



4279505427



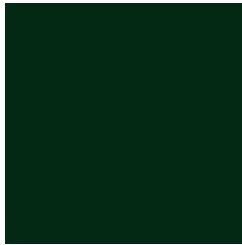
4283695149



4292083826

Previews

White Background



This preview shows how the Android color 4278396948 looks on a white background.

Color Contrast Check

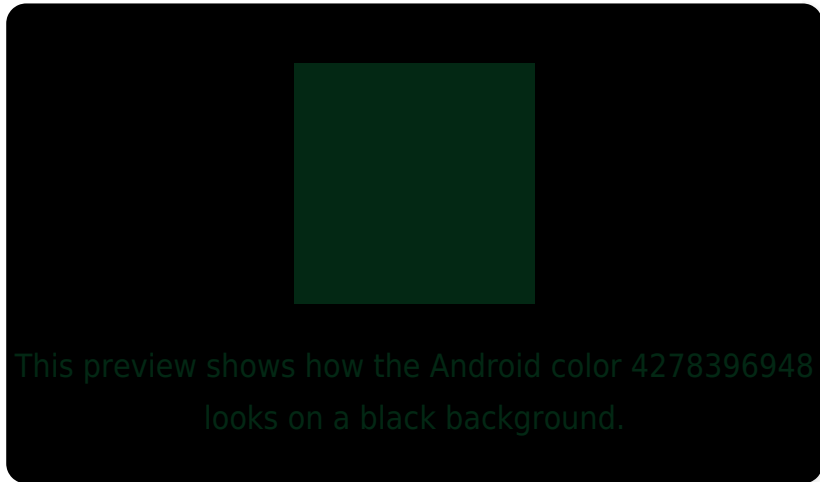
Large Text (above 18pt) WCAG AA ✓ Pass

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

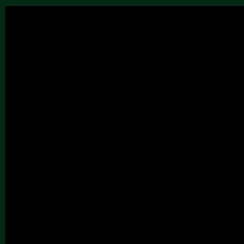
Any Text WCAG AA × Fail

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 4278396948 Background



This preview shows how black text looks on a background with the Android color 4278396948.



This preview shows how white text looks on a background with the Android color 4278396948.

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
4278396948

Protanopia
4280689426

Deuteranopia
4280951062

Trichromacy



Original Color
4278396948

Protanomaly
4279837971

Deuteranomaly
4280034325

Tritanomaly
4278920993

Monochromacy



Original Color
4278396948

Achromatopsia
4279966491

Achromatomaly
4279377944

CSS Examples

Text

The CSS property to change the color of the text to Android 4278396948 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(3, 40, 20)` looks like.

```
.text, #text, p{  
    color:rgb(3, 40, 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(3, 40, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 40, 20) }
```

Border

The CSS property to change the border of an element to Android 4278396948 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(3, 40, 20) }
```

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

```
.border{ border-color:rgb(3, 40, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 40, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 40, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 40, 20); box-shadow:4px  
4px 4px 4px rgb(3, 40, 20) }
```

Background

The CSS property to change the background color of an element to Android 4278396948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 40, 20) }
```

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

```
.background{ background-color: rgb(3, 40,  
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