

Converting Colors

Android(4278788638)

Have a look what the booklet for
Android(4278788638) contains.

Android(4278788638)	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(4278788638)

Conversions

Conversions Part 1

Format	Color
Hex	09221E
RGB	9, 34, 30
RGB Percent	4%, 13%, 12%
CMY	0.9647, 0.8667, 0.8824
CMYK	0.74, 0.00, 0.12, 0.87
HSL	170°, 58%, 8%
HSV	170°, 74%, 13%
XYZ	0.9190, 1.2959, 1.4300
YIQ	26.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

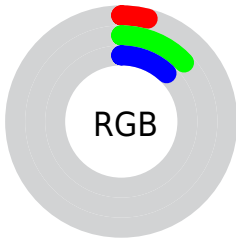
Format	Color
RYB	9, 23, 34
Decimal	598558
CIELab	11.25, -10.92, -0.21
CIELCh	11, 10.924, 181.101
Yxy	1.2959, 0.2521, 0.3555
Android (android.graphics.Color)	4278788638 (0xFF09221E)
YUV	26.0690, 1.9380, -14.9695
Hunter-Lab	11.3836, -5.5106, 0.5207

Details

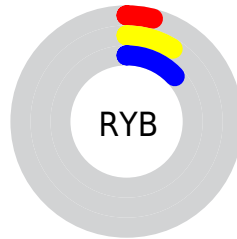
The Android color **4278788638** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4280420621**, and the grayscale version is **4279900698**.

A 20% lighter version of the original color is **4281683530**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278592029**, and if you desaturate by 10%, it is **4278985247**.

Distribution



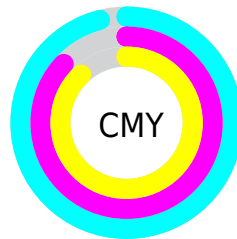
- Red (4%)
- Green (13%)
- Blue (12%)



- Red (4%)
- Yellow (9%)
- Blue (13%)



- Cyan (74%)
- Magenta (0%)
- Yellow (12%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278788638 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 4278788638 by changing the saturation by 10% instead.

■ 4278788638

■ 4278788638

■ 4293656575

■ 4278192389

■ 4281683530

■ 4278190080

■ 4283197281

■ 4284842106

■ 4286487188

■ 4288197806

■ 4289974474

■ 4291751142

■ 4278788638

■ 4278788638

■ 4278592029

■ 4278985247

■ 4278329885

■ 4279247391

■ 4278198813

■ 4279444000

■ 4279706144

■ 4279902753

■ 4280099361

■ 4280361506

■ 4280558114

■ 4280820259

Harmonies

Analogous

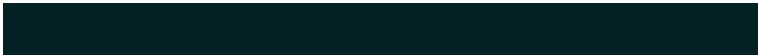
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4279378199



4278788638



4278460965

Triad

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



4278788638



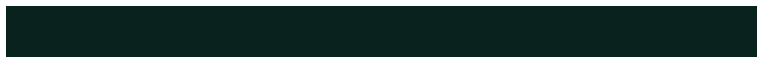
4280228907



4280883985

Complementary

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



4278788638



4280420621

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.



4281080087



4278788638



4280817957

Square

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



4278788638



4279508781



4281079838



4280491534

Rectangle

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



4278788638



4278591785



4281079838



4280949266

Sweetspot

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



4278788638



4280429354



4279050761



4279310102



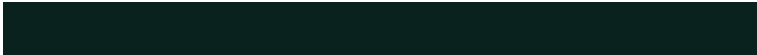
4288059030



4279703319

Same Dimension

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



4278788638



4278528805



4278786594



4279243282



4278211141



4278243760

Inverse Universe

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



4280420621



4281009419



4280422665



4279373840



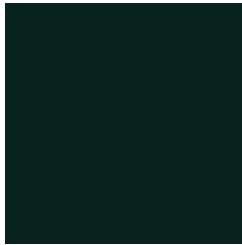
4283564045



4291887137

Previews

White Background



This preview shows how the Android color 4278788638 looks on a white background.

Color Contrast Check

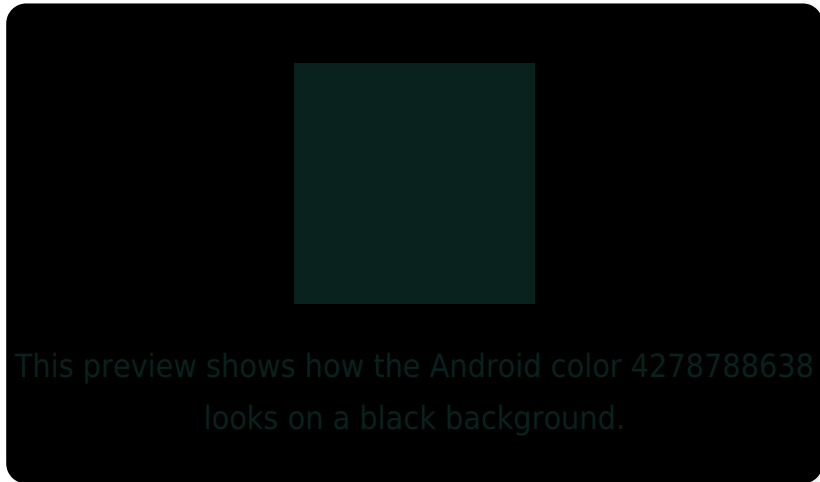
Large Text (above 18pt) WCAG AA ✓ Pass

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

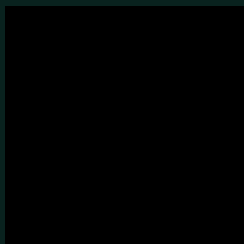
Any Text WCAG AA × Fail

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 4278788638 Background



This preview shows how black text looks on a background with the Android color 4278788638.



This preview shows how white text looks on a background with the Android color 4278788638.

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

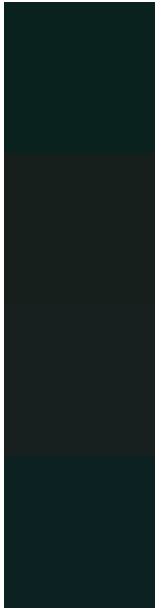


Original Color
4278788638

Protanopia
4280229404

Deuteranopia
4280360223

Trichromacy



Original Color

4278788638

Protanomaly

4279705373

Deuteranomaly

4279770911

Tritanomaly

4278919458

Monochromacy



Original Color

4278788638

Achromatopsia

4279900698

Achromatomaly

4279508251

CSS Examples

Text

The CSS property to change the color of the text to Android 4278788638 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(9, 34, 30)` looks like.

```
.text, #text, p{  
    color:rgb(9, 34, 30)  
}
```

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(9, 34, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 34, 30) }
```

Border

The CSS property to change the border of an element to Android 4278788638 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(9, 34, 30) }
```

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

```
.border{ border-color:rgb(9, 34, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 34, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 34, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 34, 30); box-shadow:4px  
4px 4px 4px rgb(9, 34, 30) }
```

Background

The CSS property to change the background color of an element to Android 4278788638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 34, 30) }
```

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

```
.background{ background-color: rgb(9, 34,  
30) }
```

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