

Converting Colors

Android(4280358171)

Have a look what the booklet for
Android(4280358171) contains.

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Color

Android(4280358171)

Conversions

Conversions Part 1

Format	Color
Hex	21151B
RGB	33, 21, 27
RGB Percent	13%, 8%, 11%
CMY	0.8706, 0.9176, 0.8941
CMYK	0.00, 0.36, 0.18, 0.87
HSL	330°, 22%, 11%
HSV	330°, 36%, 13%
XYZ	1.0932, 0.9388, 1.1605
YIQ	25.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

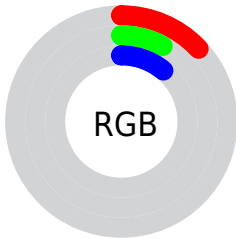
Format	Color
RYB	33, 21, 27
Decimal	2168091
CIELab	8.47, 7.39, -1.82
CIELCh	8, 7.608, 346.136
Yxy	0.9388, 0.3424, 0.2941
Android (android.graphics.Color)	4280358171 (0xFF21151B)
YUV	25.2720, 0.8519, 6.7775
Hunter-Lab	9.6891, 3.1836, -0.3189

Details

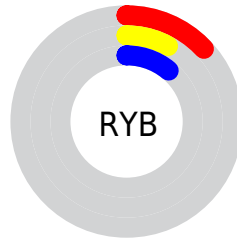
The Android color **4280358171** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279574811**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4283252550**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280357401**, and if you desaturate by 10%, it is **4280358941**.

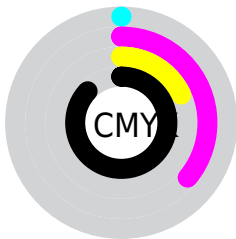
Distribution



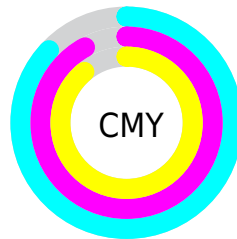
- Red (13%)
- Green (8%)
- Blue (11%)



- Red (13%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (87%)



- Cyan (87%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280358171 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 4280358171 by changing the saturation by 10% instead.



4280358171



4280358171



4294964990



4278321152



4283252550



4278190080



4284831582



4286476150



4288186512



4289962922



4291804870



4293647074



4280358171



4280358171

■ 4280357401

■ 4280358941

■ 4280356376

■ 4280359966

■ 4280355606

■ 4280360736

■ 4280354836

■ 4280361506

■ 4280353811

■ 4280362531

■ 4280353041

■ 4280363301

■ 4280352785

■ 4280364071

■ 4280364840

■ 4280365866

Harmonies

Analogous

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



4280096287



4280358171



4280489238

Triad

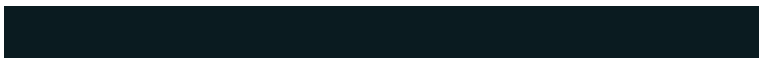
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280358171



4279900429



4278852384

Complementary

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



4280358171



4279574811

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.



4278786843



4280358171



4279507473

Square

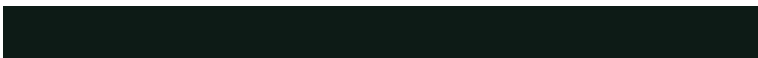
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280358171



4280227597



4279048982



4279179810

Rectangle

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



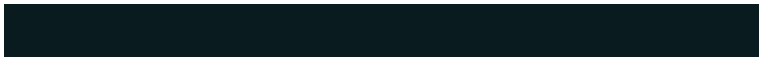
4280358171



4280423698



4279048982



4278786846

Sweetspot

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



4280358171



4281018153



4279964961



4279702549



4288059030



4279703319

Same Dimension

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



4280358171



4281014306



4280358165



4279176719



4283367464



4291756135

Inverse Universe

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



4280358171



4281014306



4279574817



4279176719



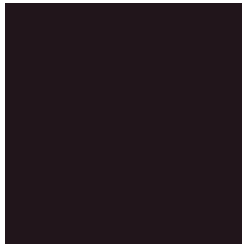
4283367464



4291756135

Previews

White Background



This preview shows how the Android color 4280358171 looks on a white background.

Color Contrast Check

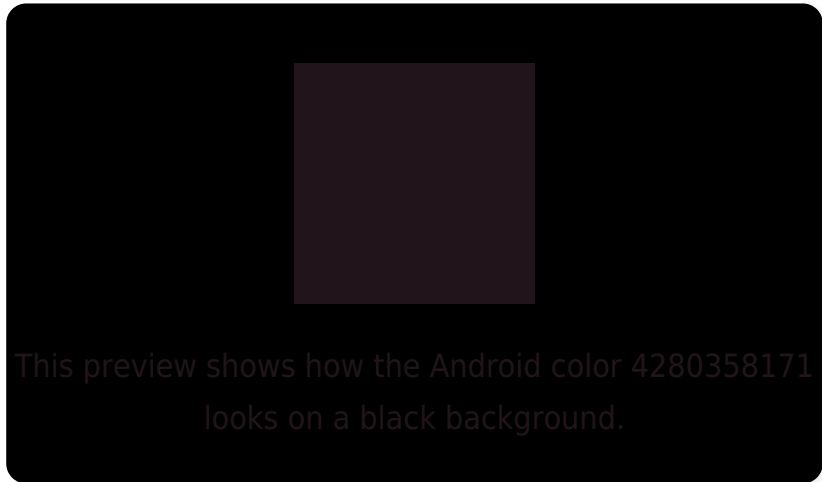
Large Text (above 18pt) WCAG AA ✓ Pass

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

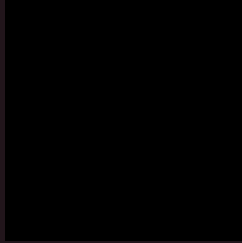
Any Text WCAG AA × Fail

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 4280358171 Background



This preview shows how black text looks on a background with the Android color 4280358171.



This preview shows how white text looks on a background with the Android color 4280358171.

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](#).

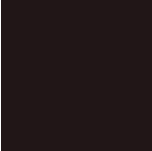
Dichromacy



Original Color
4280358171

Protanopia
4279769117

Deuteranopia
4279900186



Tritanopia
4280358423

Trichromacy



Original Color

4280358171

Protanomaly

4279965468

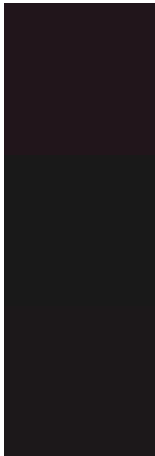
Deuteranomaly

4280096538

Tritanomaly

4280358424

Monochromacy



Original Color

4280358171

Achromatopsia

4279834905

Achromatomaly

4280031258

CSS Examples

Text

The CSS property to change the color of the text to Android 4280358171 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(33, 21, 27)` looks like.

```
.text, #text, p{  
    color:rgb(33, 21, 27)  
}
```

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(33, 21, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 21, 27) }
```

Border

The CSS property to change the border of an element to Android 4280358171 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(33, 21, 27) }
```

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

```
.border{ border-color:rgb(33, 21, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 21, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 21, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 21, 27);  
box-shadow:4px 4px 4px 4px rgb(33, 21, 27)  
}
```

Background

The CSS property to change the background color of an element to Android 4280358171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 21, 27) }
```

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

```
.background{ background-color: rgb(33, 21,  
27) }
```

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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