

Converting Colors

Android(4279631910)

Have a look what the booklet for
Android(4279631910) contains.

Android(4279631910)	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(4279631910)

Conversions

Conversions Part 1

Format	Color
Hex	160026
RGB	22, 0, 38
RGB Percent	9%, 0%, 15%
CMY	0.9137, 1.0000, 0.8510
CMYK	0.42, 1.00, 0.00, 0.85
HSL	275°, 100%, 7%
HSV	275°, 100%, 15%
XYZ	0.6807, 0.3105, 1.8578
YIQ	10.9100, 0.9140, 16.4820

Conversions

Conversions Part 2

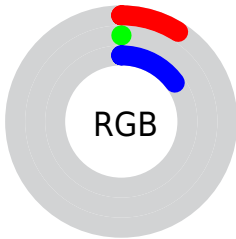
Format	Color
R_{YB}	22, 0, 38
Decimal	1441830
CIE Lab	2.80, 15.80, -19.07
CIE LCh	3, 24.759, 309.640
Yxy	0.3105, 0.2389, 0.1090
Android (android.graphics.Color)	4279631910 (0xFF160026)
YUV	10.9100, 13.3554, 9.7259
Hunter-Lab	5.5724, 12.0541, -15.8661

Details

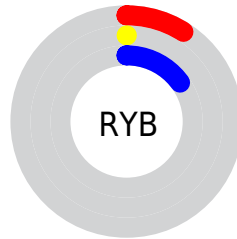
The Android color **4279631910** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4279248384**, and the grayscale version is **4278913803**.

A 20% lighter version of the original color is **4282396499**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279631910**, and if you desaturate by 10%, it is **4279764006**.

Distribution



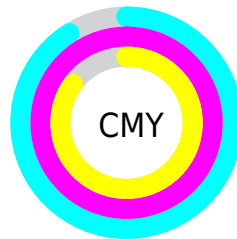
- Red (9%)
- Green (0%)
- Blue (15%)



- Red (9%)
- Yellow (0%)
- Blue (15%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (91%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279631910 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 4279631910 by changing the saturation by 10% instead.

 4279631910

 4279631910

 4294501119

 4278190351

 4282396499

 4278190080

 4283909739

 4285554053

 4287264415

 4288975034

 4290816726

 4292593394

 4279631910

■ 4279764006

■ 4279830566

■ 4279962406

■ 4280028966

■ 4280161062

■ 4280293158

■ 4280359718

■ 4280491558

■ 4280558118

Harmonies

Analogous

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



4278192685



4279631910



4280614937

Triad

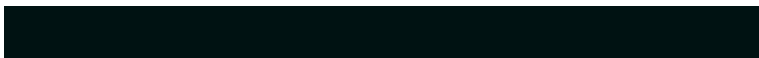
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279631910



4280025856



4278194706

Complementary

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



4279631910



4279248384

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.



4278194432



4279631910



4278521088

Square

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



4279631910



4280745984



4278194432



4278194977

Rectangle

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



4279631910



4280942604



4278194432



4278194697

Sweetspot

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



4279631910



4280951344



4278194214



4279635994



4288256409



4279900698

Same Dimension

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



4279631910



4280025136



4280680483



4279308306



4281270354



4286120145

Inverse Universe

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



4280680464



4281335828



4278199811



4279373841



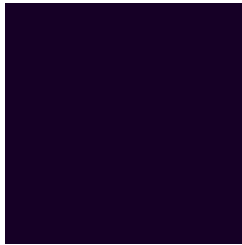
4283564066



4291887192

Previews

White Background



This preview shows how the Android color 4279631910 looks on a white background.

Color Contrast Check

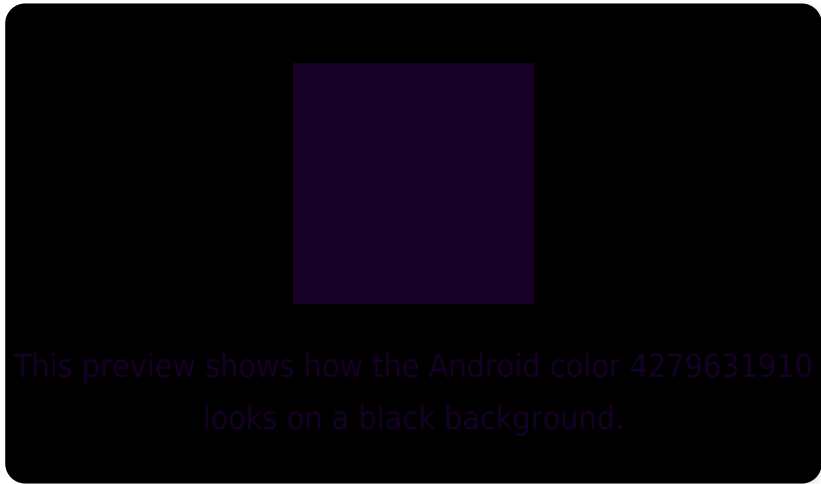
Large Text (above 18pt) WCAG AA ✓ Pass

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

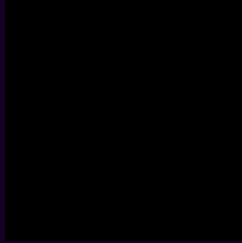
Any Text WCAG AA × Fail

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 4279631910 Background



This preview shows how black text looks on a background with the Android color 4279631910.



This preview shows how white text looks on a background with the Android color 4279631910.

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
4279631910

Protanopia
4278193951

Deuteranopia
4278194203



Tritanopia
4279308048

Trichromacy



Original Color

4279631910

Protanomaly

4278716962

Deuteranomaly

4278716959

Tritanomaly

4279437848

Monochromacy



Original Color

4279631910

Achromatopsia

4278913803

Achromatomaly

4279174933

CSS Examples

Text

The CSS property to change the color of the text to Android 4279631910 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(22, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(22, 0, 38)  
}
```

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(22, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 0, 38) }
```

Border

The CSS property to change the border of an element to Android 4279631910 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(22, 0, 38) }
```

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

```
.border{ border-color:rgb(22, 0, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 0, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 0, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 0, 38); box-shadow:4px  
4px 4px 4px rgb(22, 0, 38) }
```

Background

The CSS property to change the background color of an element to Android 4279631910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 0, 38) }
```

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

```
.background{ background-color: rgb(22, 0,  
38) }
```

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