

Converting Colors

Android(4280357178)

Have a look what the booklet for
Android(4280357178) contains.

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Color

Android(4280357178)

Conversions

Conversions Part 1

Format	Color
Hex	21113A
RGB	33, 17, 58
RGB Percent	13%, 7%, 23%
CMY	0.8706, 0.9333, 0.7725
CMYK	0.43, 0.71, 0.00, 0.77
HSL	263°, 55%, 15%
HSV	263°, 71%, 23%
XYZ	1.5914, 1.0297, 4.1179
YIQ	26.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

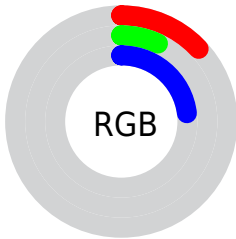
Format	Color
RYB	33, 17, 58
Decimal	2167098
CIELab	9.24, 19.13, -23.62
CIELCh	9, 30.399, 309.009
Yxy	1.0297, 0.2361, 0.1528
Android (android.graphics.Color)	4280357178 (0xFF21113A)
YUV	26.4580, 15.5502, 5.7373
Hunter-Lab	10.1475, 10.2349, -16.9567




Details

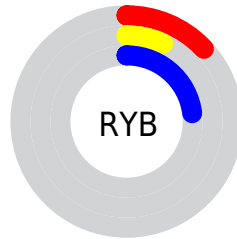
The Android color **4280357178** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280957457**, and the grayscale version is **4279900698**.




A 20% lighter version of the original color is **4283448426**, and **4278190092** is the 20% darker color. If you saturate the color by 10%, you get **4280093498**, and if you desaturate by 10%, it is **4280620858**.

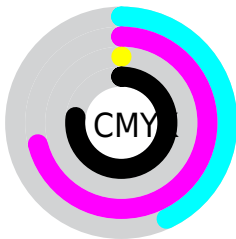
Distribution







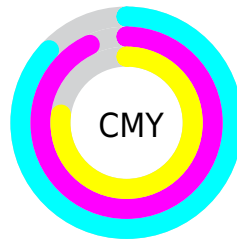
-  Red (13%)
-  Green (7%)
-  Blue (23%)






-  Red (13%)
-  Yellow (7%)
-  Blue (23%)



-  Cyan (43%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (87%)
-  Magenta (93%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280357178 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 4280357178 by changing the saturation by 10% instead.

■ 4280357178

■ 4280357178

■ 4294963967

■ 4279042085

■ 4283448426

■ 4278190092

■ 4285027203

■ 4278190080

■ 4286737309

■ 4288447928

■ 4290224084

■ 4292066032

■ 4293973759

■ 4280357178

■ 4280357178

■ 4280093498

■ 4280620858

■ 4279895354

■ 4280819002

■ 4279697466

■ 4281082426

■ 4281280570

■ 4281544250

■ 4281742394

■ 4282006074

■ 4282203962

■ 4282467642

Harmonies

Analogous

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



4278197059



4280357178



4281730089

Triad

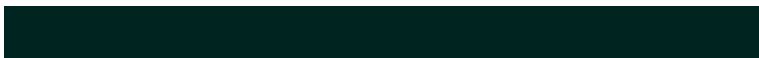
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280357178



4281144064



4278199328

Complementary

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



4280357178



4280957457

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.



4278199046



4280357178



4280032000

Square

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



4280357178



4281927424



4278329344



4278199091

Rectangle

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



4280357178



4282122268



4278329344



4278199321

Sweetspot

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



4280357178



4282596429



4279315002



4280294694



4289111718



4280690214

Same Dimension

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



4280357178



4280617805



4281667898



4279900444



4280549468



4283826395

Inverse Universe

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



4281995562



4283239219



4279646737



4280031515



4284219448



4292542598

Previews

White Background



This preview shows how the Android color 4280357178 looks on a white background.

Color Contrast Check

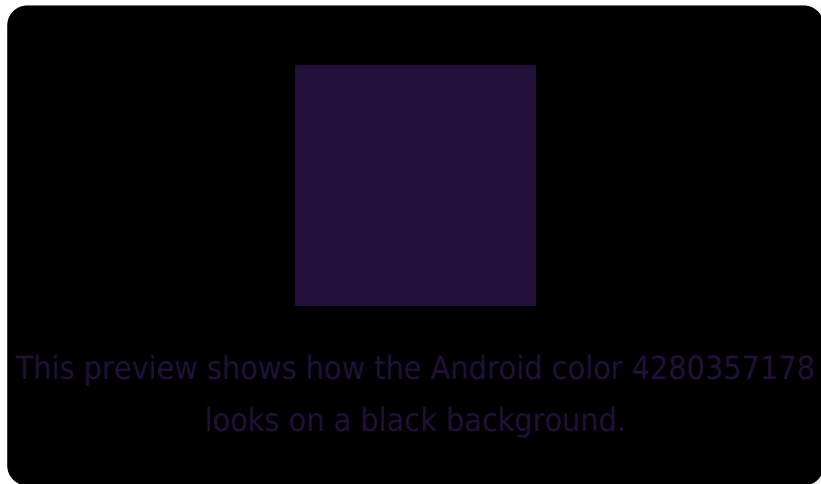
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280357178 Background



This preview shows how black text looks on a background with the Android color 4280357178.



This preview shows how white text looks on a background with the Android color 4280357178.

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

4280357178

Protanopia

4278196791

Deuteranopia

4278197295

Trichromacy



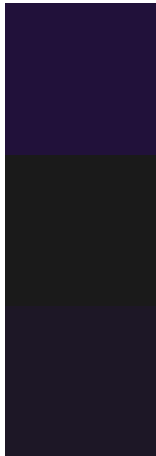
Original Color
4280357178

Protanomaly
4278982456

Deuteranomaly
4278982707

Tritanomaly
4280096552

Monochromacy



Original Color
4280357178

Achromatopsia
4279900698

Achromatomaly
4280096550

CSS Examples

Text

The CSS property to change the color of the text to Android 4280357178 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, 17, 58)` looks like.

```
.text, #text, p{  
    color:rgb(33, 17, 58)  
}
```

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, 17, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 17, 58) }
```

Border

The CSS property to change the border of an element to Android 4280357178 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, 17, 58) }
```

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

```
.border{ border-color:rgb(33, 17, 58) }
```

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

Here you see how a box with a 4 pixel rgb(33, 17, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 17, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 17, 58);  
box-shadow:4px 4px 4px 4px rgb(33, 17, 58)  
}
```

Background

The CSS property to change the background color of an element to Android 4280357178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 17, 58) }
```

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

```
.background{ background-color: rgb(33, 17,  
58) }
```

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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