

Converting Colors

Android(4280357648)

Have a look what the booklet for
Android(4280357648) contains.

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Color

Android(4280357648)

Conversions

Conversions Part 1

Format	Color
Hex	211310
RGB	33, 19, 16
RGB Percent	13%, 7%, 6%
CMY	0.8706, 0.9255, 0.9373
CMYK	0.00, 0.42, 0.52, 0.87
HSL	11°, 35%, 10%
HSV	11°, 52%, 13%
XYZ	0.9536, 0.8265, 0.5995
YIQ	22.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

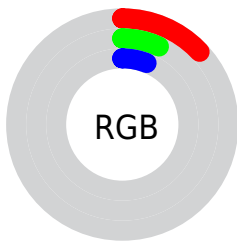
Format	Color
R_{YB}	33, 20, 16
Decimal	2167568
CIE Lab	7.47, 6.69, 4.30
CIE LCh	7, 7.955, 32.694
Yxy	0.8265, 0.4007, 0.3473
Android (android.graphics.Color)	4280357648 (0xFF211310)
YUV	22.8440, -3.3741, 8.9068
Hunter-Lab	9.0911, 2.8139, 2.4542

Details

The Android color **4280357648** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279246369**, and the grayscale version is **4279703319**.

A 20% lighter version of the original color is **4283317563**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280356877**, and if you desaturate by 10%, it is **4280358419**.

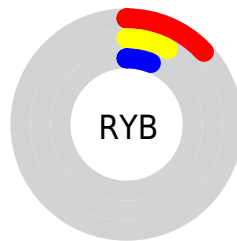
Distribution



Red (13%)

Green (7%)

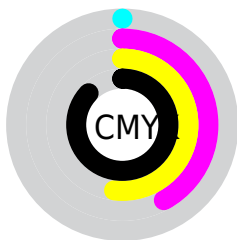
Blue (6%)



Red (13%)

Yellow (8%)

Blue (6%)

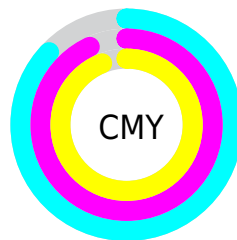


Cyan (0%)

Magenta (42%)

Yellow (52%)

Black (87%)



Cyan (87%)

Magenta (93%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280357648 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 4280357648 by changing the saturation by 10% instead.

 4280357648

 4280357648

 4294964208

 4278190080

 4283317563

 4284896338

 4286541162

 4288251523

 4290027677

 4291804088

 4293711827

 4280357648

 4280357648

■ 4280356877

■ 4280358419

■ 4280356361

■ 4280358935

■ 4280355590

■ 4280359706

■ 4280354819

■ 4280360477

■ 4280354304

■ 4280361249

■ 4280361764

■ 4280362535

■ 4280363306

■ 4280363822

Harmonies

Analogous

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



4280357654



4280357648



4280226826

Triad

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



4280357648



4279048465



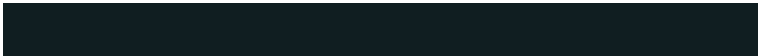
4279244577

Complementary

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



4280357648



4279246369

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.



4278720544



4280357648



4278589975

Square

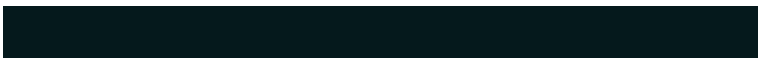
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280357648



4279506955



4278524188



4279768351

Rectangle

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



4280357648



4280030728



4278524188



4279113505

Sweetspot

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



4280357648



4281017893



4280356894



4279702547



4288059030



4279703319

Same Dimension

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



4280357648



4281013520



4280359696



4279176718



4283371008



4291765248

Inverse Universe

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



4279246369



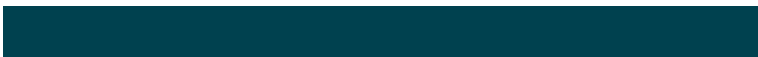
4279248683



4279244321



4279111439



4278206799



4278233807

Previews

White Background



This preview shows how the Android color 4280357648 looks on a white background.

Color Contrast Check

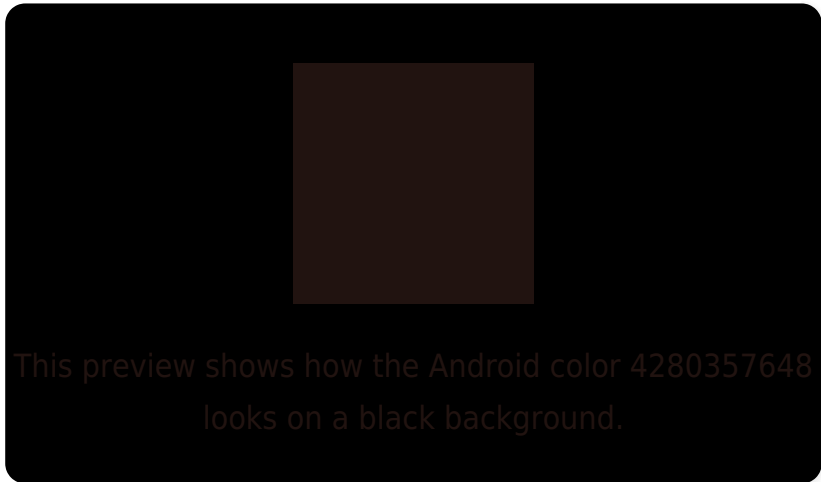
Large Text (above 18pt) WCAG AA ✓ Pass

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

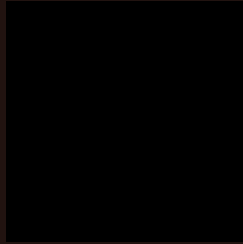
Any Text WCAG AA × Fail

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 4280357648 Background



This preview shows how black text looks on a background with the Android color 4280357648.



This preview shows how white text looks on a background with the Android color 4280357648.

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](#).

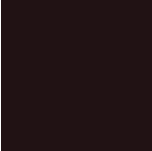
Dichromacy



Original Color
4280357648

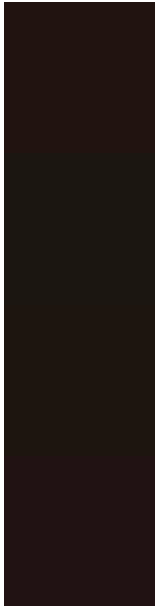
Protanopia
4279768850

Deuteranopia
4279965199



Tritanopia
4280357396

Trichromacy



Original Color

4280357648

Protanomaly

4279965201

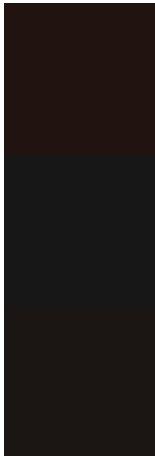
Deuteranomaly

4280096015

Tritanomaly

4280357395

Monochromacy



Original Color

4280357648

Achromatopsia

4279703319

Achromatomaly

4279965204

CSS Examples

Text

The CSS property to change the color of the text to Android 4280357648 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, 19, 16)` looks like.

```
.text, #text, p{  
    color:rgb(33, 19, 16)  
}
```

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, 19, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 19, 16) }
```

Border

The CSS property to change the border of an element to Android 4280357648 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, 19, 16) }
```

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

```
.border{ border-color:rgb(33, 19, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 19, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 19, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 19, 16);  
box-shadow:4px 4px 4px 4px rgb(33, 19, 16)  
}
```

Background

The CSS property to change the background color of an element to Android 4280357648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 19, 16) }
```

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

```
.background{ background-color: rgb(33, 19,  
16) }
```

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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