

Converting Colors

Android(4280948018)

Have a look what the booklet for
Android(4280948018) contains.

Android(4280948018)	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(4280948018)

Conversions

Conversions Part 1

Format	Color
Hex	2A1532
RGB	42, 21, 50
RGB Percent	16%, 8%, 20%
CMY	0.8353, 0.9176, 0.8039
CMYK	0.16, 0.58, 0.00, 0.80
HSL	283°, 41%, 14%
HSV	283°, 58%, 20%
XYZ	1.7987, 1.2589, 3.1658
YIQ	30.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

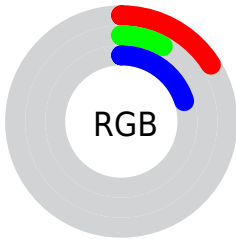
Format	Color
R_{YB}	42, 21, 50
Decimal	2757938
CIE _{Lab}	10.98, 16.93, -14.97
CIE _{LCh}	11, 22.602, 318.509
Yxy	1.2589, 0.2890, 0.2023
Android (android.graphics.Color)	4280948018 (0xFF2A1532)
YUV	30.5850, 9.5716, 10.0110
Hunter-Lab	11.2199, 8.9817, -8.8753




Details

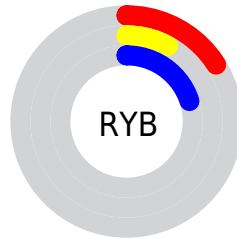
The Android color **4280948018** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280103445**, and the grayscale version is **4280163870**.




A 20% lighter version of the original color is **4283973728**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280881202**, and if you desaturate by 10%, it is **4281014834**.

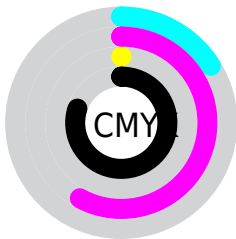
Distribution







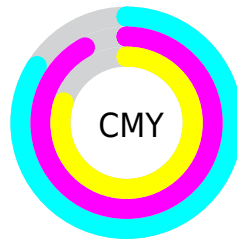
-  Red (16%)
-  Green (8%)
-  Blue (20%)






-  Red (16%)
-  Yellow (8%)
-  Blue (20%)



-  Cyan (16%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (84%)
-  Magenta (92%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280948018 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 4280948018 by changing the saturation by 10% instead.



4280948018



4280948018



4294965503



4279762973



4283973728



4278190080



4285618297



4287328403



4289039022



4290815177



4292657381



4294564863



4280948018



4280948018

■ 4280881202

■ 4281014834

■ 4280748850

■ 4281147186

■ 4280682034

■ 4281214002

■ 4280549682

■ 4281346354

■ 4280549426

■ 4281413170

■ 4281479986

■ 4281612338

■ 4281679154

■ 4281745970

Harmonies

Analogous

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



4279311419



4280948018



4281732900

Triad

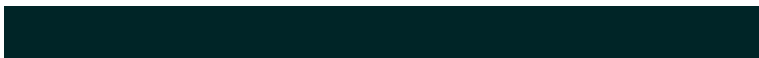
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280948018



4281014784



4278199591

Complementary

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



4280948018



4280103445

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.



4278199575



4280948018



4280164096

Square

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



4280948018



4281668608



4278919939



4278199348

Rectangle

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



4280948018



4281929242



4278919939



4278199586

Sweetspot

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



4280948018



4282201408



4279573810



4280228641



4288782753



4280361249

Same Dimension

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



4280948018



4281537344



4281472300



4279834394



4282450009



4288479449

Inverse Universe

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



4281472285



4282389279



4279579163



4279899928



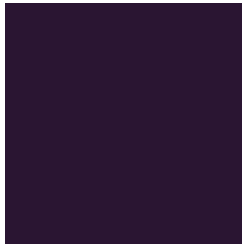
4284022809



4292411452

Previews

White Background



This preview shows how the Android color 4280948018 looks on a white background.

Color Contrast Check

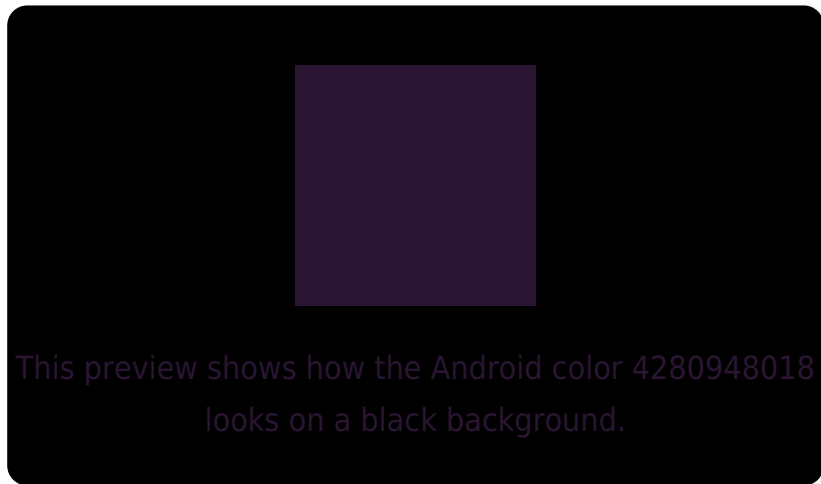
Large Text (above 18pt) WCAG AA ✓ Pass

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

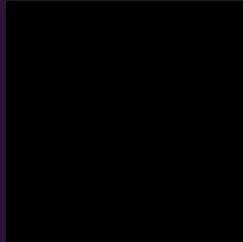
Any Text WCAG AA × Fail

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 4280948018 Background



This preview shows how black text looks on a background with the Android color 4280948018.



This preview shows how white text looks on a background with the Android color 4280948018.

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
4280948018

Protanopia
4279115066

Deuteranopia
4279508528

Trichromacy



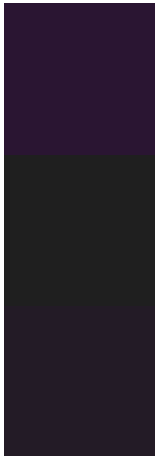
Original Color
4280948018

Protanomaly
4279769655

Deuteranomaly
4280032049

Tritanomaly
4280817957

Monochromacy



Original Color
4280948018

Achromatopsia
4280229663

Achromatomaly
4280490790

CSS Examples

Text

The CSS property to change the color of the text to Android 4280948018 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(42, 21, 50)` looks like.

```
.text, #text, p{  
    color:rgb(42, 21, 50)  
}
```

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(42, 21, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 21, 50) }
```

Border

The CSS property to change the border of an element to Android 4280948018 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(42, 21, 50) }
```

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

```
.border{ border-color:rgb(42, 21, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 21, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 21, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 21, 50);  
box-shadow:4px 4px 4px 4px rgb(42, 21, 50)  
}
```

Background

The CSS property to change the background color of an element to Android 4280948018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 21, 50) }
```

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

```
.background{ background-color: rgb(42, 21,  
50) }
```

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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