

Converting Colors

Android(4280363048)

Have a look what the booklet for
Android(4280363048) contains.

Android(4280363048)	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(4280363048)

Conversions

Conversions Part 1

Format	Color
Hex	212828
RGB	33, 40, 40
RGB Percent	13%, 16%, 16%
CMY	0.8706, 0.8431, 0.8431
CMYK	0.18, 0.00, 0.00, 0.84
HSL	180°, 10%, 14%
HSV	180°, 17%, 16%
XYZ	1.7690, 1.9941, 2.2991
YIQ	37.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

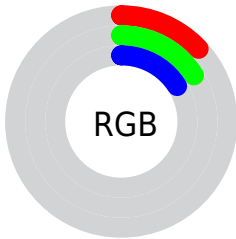
Format	Color
RYB	33, 37, 40
Decimal	2172968
CIELab	15.46, -3.08, -1.04
CIELCh	15, 3.255, 198.721
Yxy	1.9941, 0.2918, 0.3289
Android (android.graphics.Color)	4280363048 (0xFF212828)
YUV	37.9070, 1.0318, -4.3034
Hunter-Lab	14.1213, -2.3514, 0.2317

Details

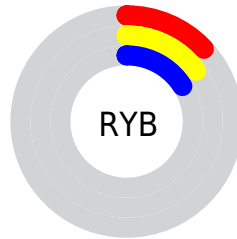
The Android color **4280363048** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280820001**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4283258197**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280100904**, and if you desaturate by 10%, it is **4280625192**.

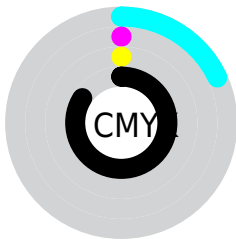
Distribution



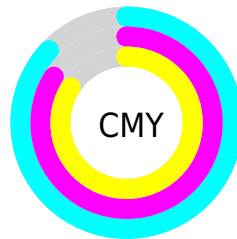
- Red (13%)
- Green (16%)
- Blue (16%)



- Red (13%)
- Yellow (15%)
- Blue (16%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (84%)



- Cyan (87%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280363048 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 4280363048 by changing the saturation by 10% instead.

■ 4280363048

■ 4280363048

4294967295

■ 4278916116

■ 4283258197

■ 4278190080

■ 4284837229

■ 4286482310

■ 4288192929

■ 4289969340

■ 4291745751

■ 4293653748

■ 4280363048

■ 4280363048

■ 4280100904

■ 4280625192

■ 4279838760

■ 4280887336

■ 4279576616

■ 4281149480

■ 4279314472

■ 4281411624

■ 4279052328

■ 4281673768

■ 4278790184

■ 4281935912

■ 4278528040

■ 4282198056

■ 4278265896

■ 4282460200

■ 4278200360

■ 4282722344

Harmonies

Analogous

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



4280428582



4280363048



4280363050

Triad

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



4280363048



4280886826



4280886818

Complementary

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



4280363048



4280820001

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.



4281017891



4280363048



4281017640

Square

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



4280363048



4280690219



4281083173



4280756002

Rectangle

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



4280363048



4280493867



4281083173



4280952354

Sweetspot

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



4280363048



4281348915



4280363041



4279769626



4288256409



4279900698

Same Dimension

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



4280363048



4280824627



4280362280



4279374868



4278211668



4278244564

Inverse Universe

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



4280820008



4281542707



4280821025



4279505428



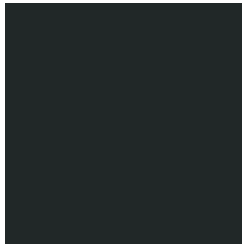
4283695188



4292083924

Previews

White Background



This preview shows how the Android color 4280363048 looks on a white background.

Color Contrast Check

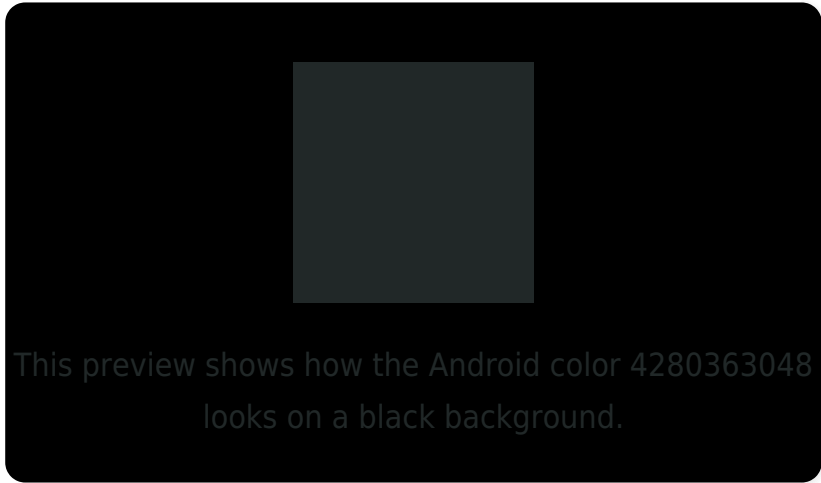
Large Text (above 18pt) WCAG AA ✓ Pass

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

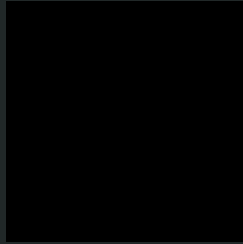
Any Text WCAG AA × Fail

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 4280363048 Background



This preview shows how black text looks on a background with the Android color 4280363048.

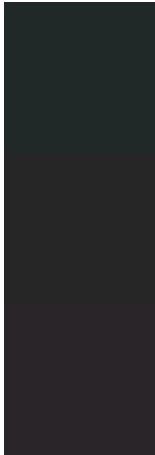


This preview shows how white text looks on a background with the Android color 4280363048.

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

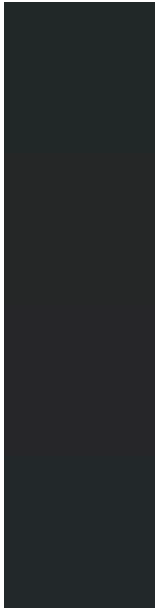


Original Color
4280363048

Protanopia
4280755751

Deuteranopia
4280886569

Trichromacy



Original Color

4280363048

Protanomaly

4280624935

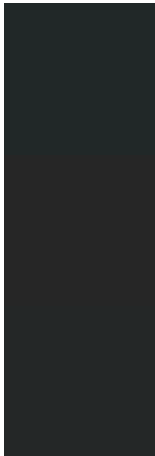
Deuteranomaly

4280690217

Tritanomaly

4280428586

Monochromacy



Original Color

4280363048

Achromatopsia

4280690214

Achromatomaly

4280559399

CSS Examples

Text

The CSS property to change the color of the text to Android 4280363048 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, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(33, 40, 40)  
}
```

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, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 40, 40) }
```

Border

The CSS property to change the border of an element to Android 4280363048 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, 40, 40) }
```

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

```
.border{ border-color:rgb(33, 40, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 40, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(33, 40, 40)  
}
```

Background

The CSS property to change the background color of an element to Android 4280363048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 40, 40) }
```

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

```
.background{ background-color: rgb(33, 40,  
40) }
```

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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