

Converting Colors

Android(4280233512)

Have a look what the booklet for
Android(4280233512) contains.

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Color

Android(4280233512)

Conversions

Conversions Part 1

Format	Color
Hex	1F2E28
RGB	31, 46, 40
RGB Percent	12%, 18%, 16%
CMY	0.8784, 0.8196, 0.8431
CMYK	0.33, 0.00, 0.13, 0.82
HSL	156°, 19%, 15%
HSV	156°, 33%, 18%
XYZ	1.9251, 2.3985, 2.3690
YIQ	40.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

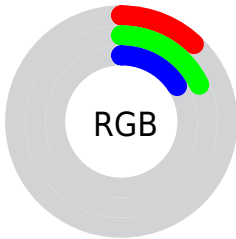
Format	Color
R_YB	31, 40, 46
Decimal	2043432
CIE Lab	17.45, -7.90, 1.84
CIE LCh	17, 8.114, 166.863
Yxy	2.3985, 0.2876, 0.3584
Android (android.graphics.Color)	4280233512 (0xFF1F2E28)
YUV	40.8310, -0.4097, -8.6218
Hunter-Lab	15.4871, -4.9145, 1.7717

Details

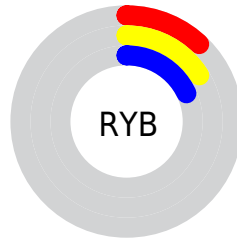
The Android color **4280233512** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281212709**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4283128917**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279905830**, and if you desaturate by 10%, it is **4280561194**.

Distribution



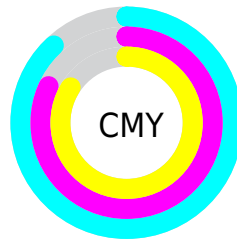
- Red (12%)
- Green (18%)
- Blue (16%)



- Red (12%)
- Yellow (16%)
- Blue (18%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (82%)



- Cyan (88%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280233512 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 4280233512 by changing the saturation by 10% instead.



4280233512



4280233512

4294967295



4278786580



4283128917



4278190080



4284707949



4286353030



4288063649



4289840316



4291616983



4293524724



4280233512



4280233512

■ 4279905830

■ 4280561194

■ 4279643684

■ 4280823340

■ 4279316002

■ 4281151022

■ 4279053857

■ 4281413167

■ 4278726175

■ 4281740849

■ 4278398493

■ 4282068531

■ 4278201884

■ 4282330677

■ 4282658359

■ 4282920505

Harmonies

Analogous

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



4280626467



4280233512



4279971374

Triad

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



4280233512



4280822326



4281739299

Complementary

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



4280233512



4281212709

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.



4281804584



4280233512



4281346099

Square

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



4280233512



4280364086



4281673518



4281477664

Rectangle

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



4280233512



4279971378



4281673518



4281739044

Sweetspot

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



4280233512



4281678648



4280626719



4279967517



4288585374



4280229663

Same Dimension

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



4280233512



4280564530



4280233006



4279572246



4278212404



4278244993

Inverse Universe

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



4281212709



4282065965



4281213215



4279702806



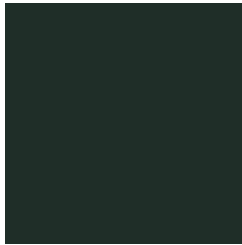
4283891747



4292214870

Previews

White Background



This preview shows how the Android color 4280233512 looks on a white background.

Color Contrast Check

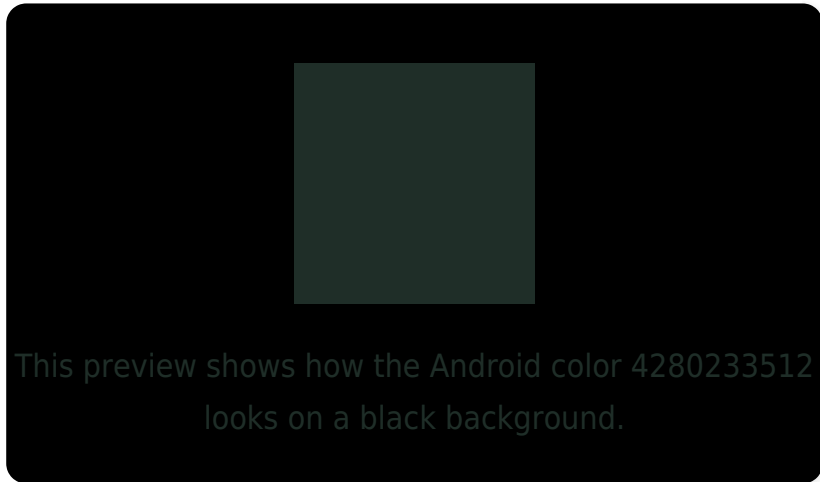
Large Text (above 18pt) WCAG AA ✓ Pass

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

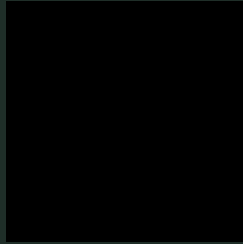
Any Text WCAG AA × Fail

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 4280233512 Background



This preview shows how black text looks on a background with the Android color 4280233512.



This preview shows how white text looks on a background with the Android color 4280233512.

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

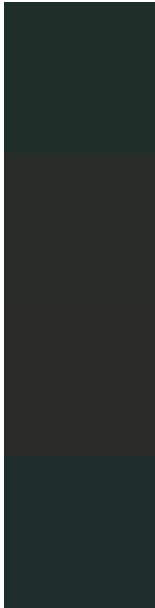


Original Color
4280233512

Protanopia
4281150246

Deuteranopia
4281346345

Trichromacy



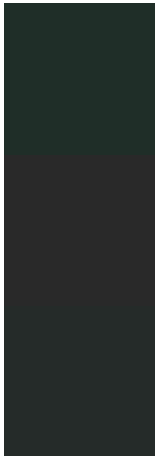
Original Color
4280233512

Protanomaly
4280822823

Deuteranomaly
4280953641

Tritanomaly
4280298797

Monochromacy



Original Color
4280233512

Achromatopsia
4280887593

Achromatomaly
4280625961

CSS Examples

Text

The CSS property to change the color of the text to Android 4280233512 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(31, 46, 40)` looks like.

```
.text, #text, p{  
    color:rgb(31, 46, 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(31, 46, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 46, 40) }
```

Border

The CSS property to change the border of an element to Android 4280233512 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(31, 46, 40) }
```

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

```
.border{ border-color:rgb(31, 46, 40) }
```

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

Here you see how a box with a 4 pixel rgb(31, 46, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 46, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 46, 40);  
box-shadow:4px 4px 4px 4px rgb(31, 46, 40)  
}
```

Background

The CSS property to change the background color of an element to Android 4280233512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 46, 40) }
```

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

```
.background{ background-color: rgb(31, 46,  
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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