

Converting Colors

Android(4280234810)

Have a look what the booklet for
Android(4280234810) contains.

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Color

Android(4280234810)

Conversions

Conversions Part 1

Format	Color
Hex	1F333A
RGB	31, 51, 58
RGB Percent	12%, 20%, 23%
CMY	0.8784, 0.8000, 0.7725
CMYK	0.47, 0.12, 0.00, 0.77
HSL	196°, 30%, 17%
HSV	196°, 47%, 23%
XYZ	2.5126, 2.9644, 4.4428
YIQ	45.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

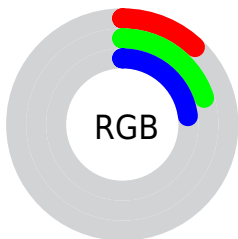
Format	Color
R_{YB}	31, 42, 58
Decimal	2044730
CIE Lab	19.90, -5.80, -6.96
CIE LCh	20, 9.055, 230.186
Yxy	2.9644, 0.2533, 0.2988
Android (android.graphics.Color)	4280234810 (0xFF1F333A)
YUV	45.8180, 6.0057, -12.9954
Hunter-Lab	17.2176, -4.0816, -3.2467

Details

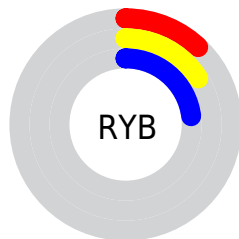
The Android color **4280234810** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282000927**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4283261289**, and **4278190352** is the 20% darker color. If you saturate the color by 10%, you get **4279841082**, and if you desaturate by 10%, it is **4280628538**.

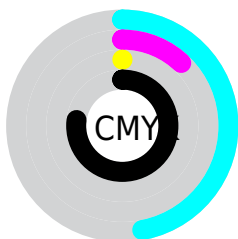
Distribution



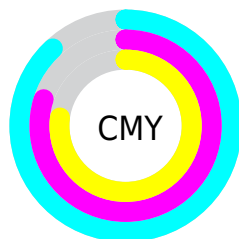
- Red (12%)
- Green (20%)
- Blue (23%)



- Red (12%)
- Yellow (16%)
- Blue (23%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (77%)



- Cyan (88%)
- Magenta (80%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280234810 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 4280234810 by changing the saturation by 10% instead.

■ 4280234810

■ 4280234810

4294967295

■ 4278787620

■ 4283261289

■ 4278190352

■ 4284840578

■ 4278190080

■ 4286485660

■ 4288196535

■ 4289972947

■ 4291815151

■ 4293656575

■ 4280234810

■ 4280234810

■ 4279841082

■ 4280628538

■ 4279447610

■ 4281022010

■ 4279119418

■ 4281350202

■ 4278725946

■ 4281743674

■ 4278332218

■ 4282137402

■ 4278201146

■ 4282530874

■ 4282924602

■ 4283252538

■ 4283646266

Harmonies

Analogous

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



4280169524



4280234810



4280627517

Triad

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



4280234810



4282133555



4281348388

Complementary

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



4280234810



4282000927

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.



4281806627



4280234810



4282264620

Square

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



4280234810



4281806137



4282133798



4280890151

Rectangle

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



4280234810



4281020477



4282133798



4281544739

Sweetspot

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



4280234810



4282534477



4280236582



4280296742



4289111718



4280690214

Same Dimension

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



4280234810



4280435021



4280231482



4279835420



4278207580



4278231771

Inverse Universe

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



4281999155



4283245121



4282004255



4280031515



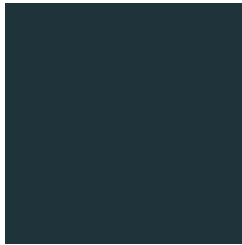
4284219460



4292542626

Previews

White Background



This preview shows how the Android color 4280234810 looks on a white background.

Color Contrast Check

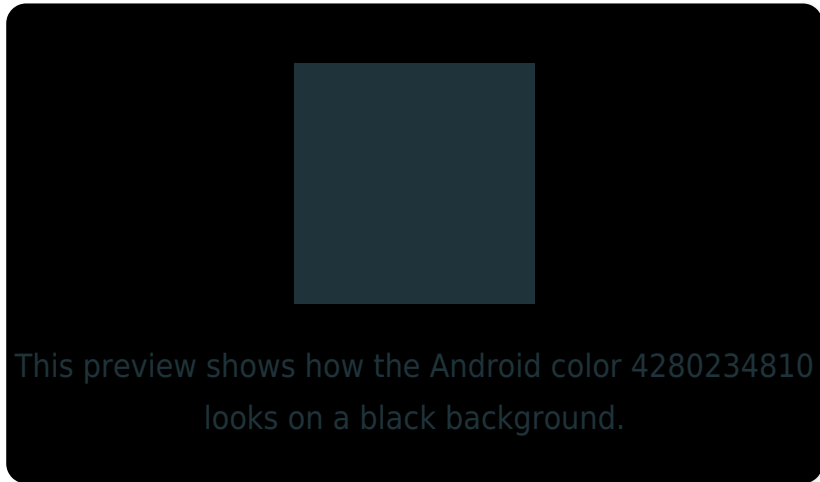
Large Text (above 18pt) WCAG AA ✓ Pass

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

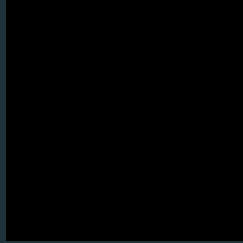
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

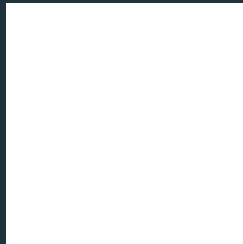
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280234810 Background



This preview shows how black text looks on a background with the Android color 4280234810.



This preview shows how white text looks on a background with the Android color 4280234810.

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

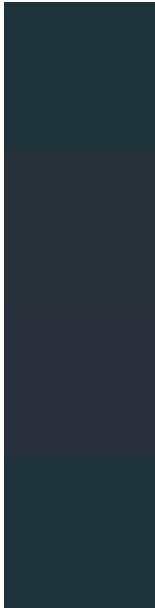


Original Color
4280234810

Protanopia
4281282616

Deuteranopia
4281282363

Trichromacy



Original Color

4280234810

Protanomaly

4280889657

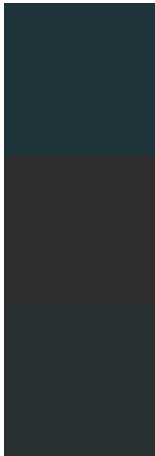
Deuteranomaly

4280889403

Tritanomaly

4280169273

Monochromacy



Original Color

4280234810

Achromatopsia

4281216558

Achromatomaly

4280889394

CSS Examples

Text

The CSS property to change the color of the text to Android 4280234810 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, 51, 58)` looks like.

```
.text, #text, p{  
    color:rgb(31, 51, 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(31, 51, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 51, 58) }
```

Border

The CSS property to change the border of an element to Android 4280234810 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, 51, 58) }
```

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

```
.border{ border-color:rgb(31, 51, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 51, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 51, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 51, 58);  
box-shadow:4px 4px 4px 4px rgb(31, 51, 58)  
}
```

Background

The CSS property to change the background color of an element to Android 4280234810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 51, 58) }
```

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

```
.background{ background-color: rgb(31, 51,  
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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