

Converting Colors

Android(4280240240)

Have a look what the booklet for
Android(4280240240) contains.

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Color

Android(4280240240)

Conversions

Conversions Part 1

Format	Color
Hex	1F4870
RGB	31, 72, 112
RGB Percent	12%, 28%, 44%
CMY	0.8784, 0.7176, 0.5608
CMYK	0.72, 0.36, 0.00, 0.56
HSL	210°, 57%, 28%
HSV	210°, 72%, 44%
XYZ	5.8071, 6.0959, 16.1998
YIQ	64.3010, -37.2760, 3.7480

Conversions

Conversions Part 2

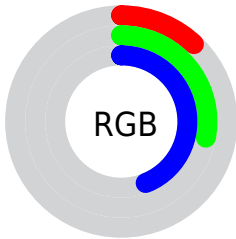
Format	Color
R_YB	31, 58, 112
Decimal	2050160
CIE Lab	29.65, 0.15, -27.27
CIE LCh	30, 27.266, 270.312
Yxy	6.0959, 0.2066, 0.2169
Android (android.graphics.Color)	4280240240 (0xFF1F4870)
YUV	64.3010, 23.5156, -29.2050
Hunter-Lab	24.6899, -1.2239, -21.6191

Details

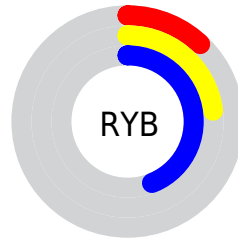
The Android color **4280240240** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285548319**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4283857060**, and **4278197568** is the 20% darker color. If you saturate the color by 10%, you get **4279517808**, and if you desaturate by 10%, it is **4280962672**.

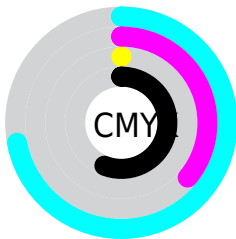
Distribution



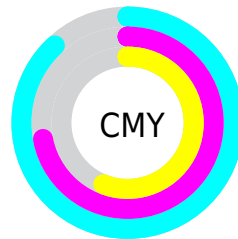
- Red (12%)
- Green (28%)
- Blue (44%)



- Red (12%)
- Yellow (23%)
- Blue (44%)



- Cyan (72%)
- Magenta (36%)
- Yellow (0%)
- Black (56%)



- Cyan (88%)
- Magenta (72%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280240240 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 4280240240 by changing the saturation by 10% instead.

 4280240240

 4280240240

4294967295

 4278202967

 4283857060

 4278197568

 4285567679


 4278190890

 4287343835

 4278190356

 4289186040

 4278190080

 4291028223

 4292870143

 4294836223

 4280240240

 4280240240

■ 4279517808

■ 4280962672

■ 4278795632

■ 4281684848

■ 4278204784

■ 4282472816

■ 4283194992

■ 4283917424

■ 4284639600

■ 4285362032

■ 4286149744

■ 4286872176

Harmonies

Analogous

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



4278209898



4280240240



4282859626

Triad

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



4280240240



4285281842



4280373040

Complementary

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



4280240240



4285548319

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.



4282207008



4280240240



4284693793

Square

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



4280240240



4285281350



4283581722



4278210629

Rectangle

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



4280240240



4284037985



4283581722



4281028138

Sweetspot

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



4280240240



4285629073



4280250438



4281811018



4291414473



4283058762

Same Dimension

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



4280240240



4279456657



4280230000



4281480504



4278205816



4278222327

Inverse Universe

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



4285538120



4287697747



4285558559



4281872949



4286054461



4294377597

Previews

White Background



This preview shows how the Android color 4280240240 looks on a white background.

Color Contrast Check

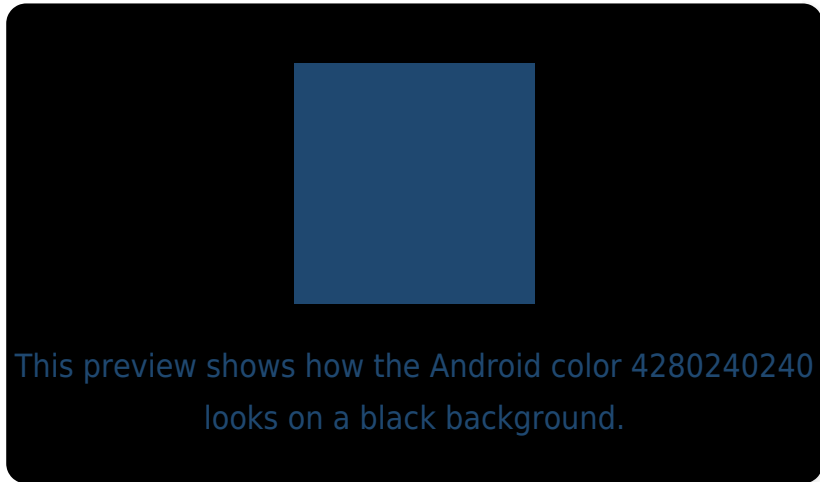
Large Text (above 18pt) WCAG AA ✓ Pass

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

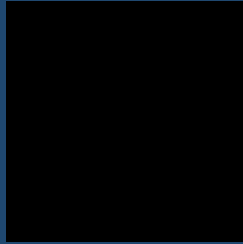
Any Text WCAG AA × Fail

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 4280240240 Background



This preview shows how black text looks on a background with the Android color 4280240240.



This preview shows how white text looks on a background with the Android color 4280240240.

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

4280240240

Protanopia

4281812077

Deuteranopia

4281091696

Trichromacy



Original Color

4280240240

Protanomaly

4281222510

Deuteranomaly

4280764272

Tritanomaly

4278930270

Monochromacy



Original Color

4280240240

Achromatopsia

4282400832

Achromatomaly

4281615185

CSS Examples

Text

The CSS property to change the color of the text to Android 4280240240 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, 72, 112)` looks like.

```
.text, #text, p{  
    color:rgb(31, 72, 112)  
}
```

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, 72, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 72, 112) }
```

Border

The CSS property to change the border of an element to Android 4280240240 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, 72, 112) }
```

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

```
.border{ border-color:rgb(31, 72, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 72, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 72, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 72, 112);  
box-shadow:4px 4px 4px 4px rgb(31, 72,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4280240240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 72, 112) }
```

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

```
.background{ background-color: rgb(31, 72,  
112) }
```

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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