

Converting Colors

Android(4280240491)

Have a look what the booklet for
Android(4280240491) contains.

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Color

Android(4280240491)

Conversions

Conversions Part 1

Format	Color
Hex	1F496B
RGB	31, 73, 107
RGB Percent	12%, 29%, 42%
CMY	0.8784, 0.7137, 0.5804
CMYK	0.71, 0.32, 0.00, 0.58
HSL	207°, 55%, 27%
HSV	207°, 71%, 42%
XYZ	5.6015, 6.1179, 14.7956
YIQ	64.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

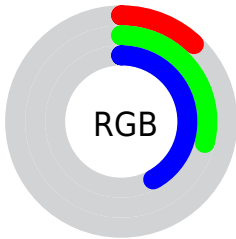
Format	Color
R_{YB}	31, 58, 107
Decimal	2050411
CIE _{Lab}	29.71, -2.44, -24.02
CIE _{LCh}	30, 24.139, 264.197
Yxy	6.1179, 0.2113, 0.2307
Android (android.graphics.Color)	4280240491 (0xFF1F496B)
YUV	64.3180, 21.0422, -29.2199
Hunter-Lab	24.7345, -2.8615, -18.1518

Details

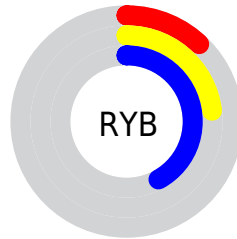
The Android color **4280240491** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4285219103**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4283791775**, and **4278197819** is the 20% darker color. If you saturate the color by 10%, you get **4279518315**, and if you desaturate by 10%, it is **4280962667**.

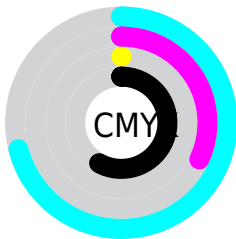
Distribution



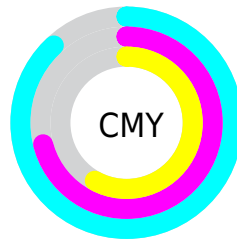
- Red (12%)
- Green (29%)
- Blue (42%)



- Red (12%)
- Yellow (23%)
- Blue (42%)



- Cyan (71%)
- Magenta (32%)
- Yellow (0%)
- Black (58%)



- Cyan (88%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280240491 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 4280240491 by changing the saturation by 10% instead.



4280240491



4280240491

4294967295



4278203219



4283791775



4278197819



4285502394



4278190630



4287278805



4278190351



4289055218



4278190080



4290897407



4292804607



4294705151



4280240491



4280240491

■ 4279518315

■ 4280962667

■ 4278861675

■ 4281619307

■ 4278205291

■ 4282341227

■ 4283063403

■ 4283785579

■ 4284442219

■ 4285164395

■ 4285886315

■ 4286542955

Harmonies

Analogous

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



4278209892



4280240491



4282532456

Triad

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



4280240491



4285085752



4281093423

Complementary

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



4280240491



4285219103

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.



4282534179



4280240491



4284693800

Square

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



4280240491



4284954442



4283778080



4278931266

Rectangle

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



4280240491



4283645537



4283778080



4281617450

Sweetspot

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



4280240491



4285497228



4280249152



4281745223



4291282887



4282861383

Same Dimension

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



4280240491



4279588748



4280231019



4281348918



4278206837



4278224885

Inverse Universe

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



4285210441



4287370583



4285228575



4281741363



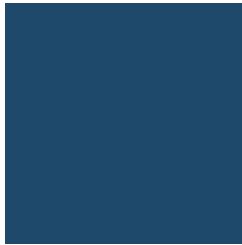
4285857857



4294246535

Previews

White Background



This preview shows how the Android color 4280240491 looks on a white background.

Color Contrast Check

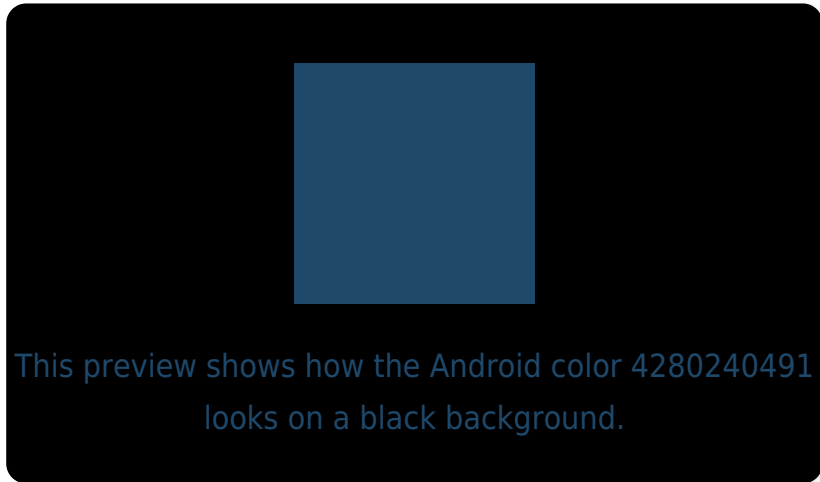
Large Text (above 18pt) WCAG AA ✓ Pass

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

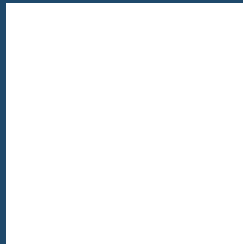
Any Text WCAG AAA × Fail

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

Android 4280240491 Background



This preview shows how black text looks on a background with the Android color 4280240491.



This preview shows how white text looks on a background with the Android color 4280240491.

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

4280240491

Protanopia

4282008935

Deuteranopia

4281550444

Trichromacy



Original Color
4280240491

Protanomaly
4281353832

Deuteranomaly
4281091948

Tritanomaly
4279389276

Monochromacy



Original Color
4280240491

Achromatopsia
4282400832

Achromatomaly
4281615184

CSS Examples

Text

The CSS property to change the color of the text to Android 4280240491 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, 73, 107)` looks like.

```
.text, #text, p{  
    color:rgb(31, 73, 107)  
}
```

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, 73, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 73, 107) }
```

Border

The CSS property to change the border of an element to Android 4280240491 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, 73, 107) }
```

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

```
.border{ border-color:rgb(31, 73, 107) }
```

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

Here you see how a box with a 4 pixel rgb(31, 73, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 73, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 73, 107);  
box-shadow:4px 4px 4px 4px rgb(31, 73,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4280240491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 73, 107) }
```

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

```
.background{ background-color: rgb(31, 73,  
107) }
```

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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