

Converting Colors

Android(4281224818)

Have a look what the booklet for
Android(4281224818) contains.

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Color

Android(4281224818)

Conversions

Conversions Part 1

Format	Color
Hex	2E4E72
RGB	46, 78, 114
RGB Percent	18%, 31%, 45%
CMY	0.8196, 0.6941, 0.5529
CMYK	0.60, 0.32, 0.00, 0.55
HSL	212°, 43%, 31%
HSV	212°, 60%, 45%
XYZ	6.8884, 7.2445, 16.9549
YIQ	72.5360, -30.6280, 4.4120

Conversions

Conversions Part 2

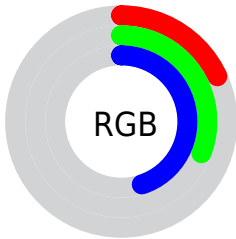
Format	Color
R_{YB}	46, 68, 114
Decimal	3034738
CIE _{Lab}	32.36, 0.03, -24.22
CIE _{LCh}	32, 24.224, 270.064
Yxy	7.2445, 0.2216, 0.2330
Android (android.graphics.Color)	4281224818 (0xFF2E4E72)
YUV	72.5360, 20.4418, -23.2721
Hunter-Lab	26.9157, -1.4199, -18.5073

Details

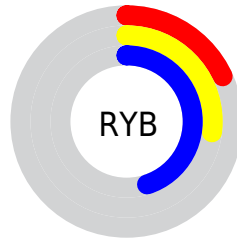
The Android color `4281224818` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4285682222`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284645286`, and `4278198850` is the 20% darker color. If you saturate the color by 10%, you get `4280502386`, and if you desaturate by 10%, it is `4281947250`.

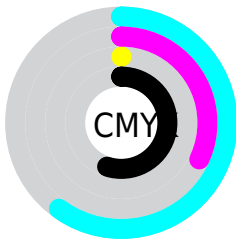
Distribution



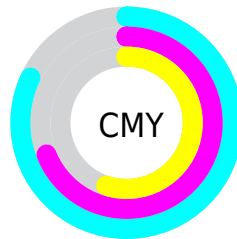
- Red (18%)
- Green (31%)
- Blue (45%)



- Red (18%)
- Yellow (27%)
- Blue (45%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (55%)





- Cyan (82%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281224818 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 4281224818 by changing the saturation by 10% instead.

 4281224818

 4281224818

4294967295

 4279318361

 4284645286

 4278198850

 4286355905


 4278192940

 4288132061


 4278190358


 4289908730

 4278190080


 4291750911

 4293656575

 4281224818

 4281224818

 4280502386

 4281947250

■ 4279714418

■ 4282735218

■ 4278991986

■ 4283457650

■ 4278204018

■ 4284245618

■ 4284968050

■ 4285690482

■ 4286478450

■ 4287200882

■ 4287988850

Harmonies

Analogous

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



4278211437



4281224818



4283320173

Triad

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



4281224818



4285546298



4281160760

Complementary

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



4281224818



4285682222

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.



4282667306



4281224818



4284957740

Square

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



4281224818



4285480269



4283976485



4278933068

Rectangle

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



4281224818



4284367461



4283976485



4281684787

Sweetspot

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



4281224818



4286154388



4281234001



4282007882



4291414473



4283058762

Same Dimension

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



4281224818



4280900756



4281282162



4281480504



4278204536



4278220023

Inverse Universe

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



4285673038



4287899996



4285624878



4281872949



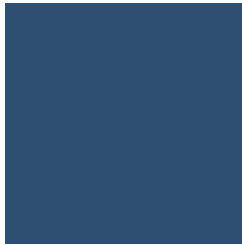
4286054456



4294377588

Previews

White Background



This preview shows how the Android color 4281224818 looks on a white background.

Color Contrast Check

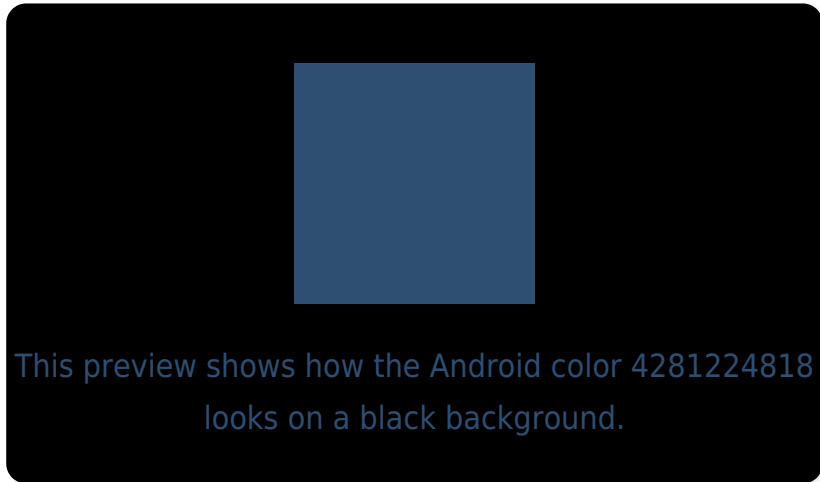
Large Text (above 18pt) WCAG AA ✓ Pass

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

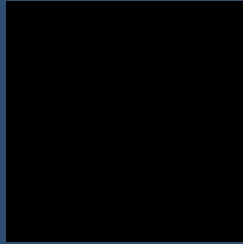
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

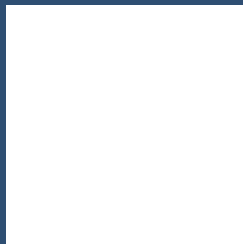
Any Text WCAG AAA × Fail

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

Android 4281224818 Background



This preview shows how black text looks on a background with the Android color 4281224818.

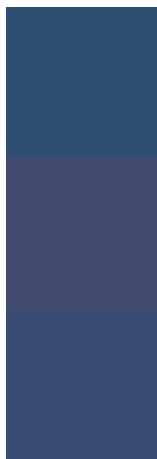


This preview shows how white text looks on a background with the Android color 4281224818.

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

4281224818

Protanopia

4282403695

Deuteranopia

4282010739

Trichromacy



Original Color
4281224818

Protanomaly
4281945200

Deuteranomaly
4281748851

Tritanomaly
4280766818

Monochromacy



Original Color
4281224818

Achromatopsia
4282992969

Achromatomaly
4282338136

CSS Examples

Text

The CSS property to change the color of the text to Android 4281224818 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(46, 78, 114)` looks like.

```
.text, #text, p{  
    color:rgb(46, 78, 114)  
}
```

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(46, 78, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 78, 114) }
```

Border

The CSS property to change the border of an element to Android 4281224818 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(46, 78, 114) }
```

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

```
.border{ border-color:rgb(46, 78, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 78, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 78, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 78, 114);  
box-shadow:4px 4px 4px 4px rgb(46, 78,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4281224818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 78, 114) }
```

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

```
.background{ background-color: rgb(46, 78,  
114) }
```

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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