

Converting Colors

Android(4280234572)

Have a look what the booklet for
Android(4280234572) contains.

Android(4280234572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280234572)

Conversions

Conversions Part 1

Format	Color
Hex	1F324C
RGB	31, 50, 76
RGB Percent	12%, 20%, 30%
CMY	0.8784, 0.8039, 0.7020
CMYK	0.59, 0.34, 0.00, 0.70
HSL	215°, 42%, 21%
HSV	215°, 59%, 30%
XYZ	3.0102, 3.0943, 7.2761
YIQ	47.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

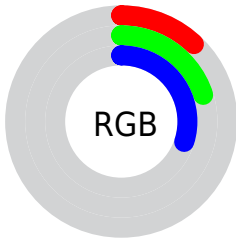
Format	Color
RYB	31, 44, 76
Decimal	2044492
CIELab	20.42, 1.22, -18.37
CIELCh	20, 18.411, 273.801
Yxy	3.0943, 0.2250, 0.2313
Android (android.graphics.Color)	4280234572 (0xFF1F324C)
YUV	47.2830, 14.1575, -14.2802
Hunter-Lab	17.5907, -0.2380, -12.2109

Details

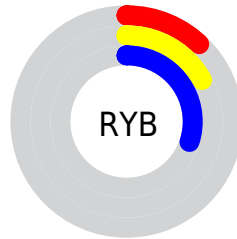
The Android color **4280234572** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283185439**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4283392125**, and **4278190624** is the 20% darker color. If you saturate the color by 10%, you get **4279709260**, and if you desaturate by 10%, it is **4280759884**.

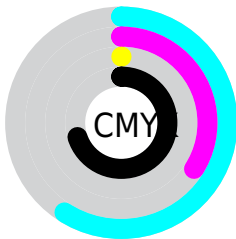
Distribution



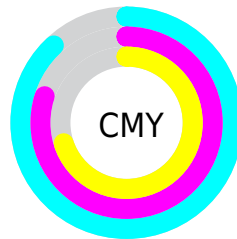
- Red (12%)
- Green (20%)
- Blue (30%)



- Red (12%)
- Yellow (17%)
- Blue (30%)



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280234572 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 4280234572 by changing the saturation by 10% instead.



4280234572



4280234572

4294967295



4278590773



4283392125



4278190624



4285036951



4278190085



4286681778



4278190080



4288458189



4290234601



4292076799



4293984255



4280234572



4280234572

■ 4279709260

■ 4280759884

■ 4279249228

■ 4281219916

■ 4278723916

■ 4281745228

■ 4278263884

■ 4282205260

■ 4278198348

■ 4282730572

■ 4283255884

■ 4283715916

■ 4284241228

■ 4284701260

Harmonies

Analogous

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



4278203977



4280234572



4281675080

Triad

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



4280234572



4283050019



4279842597

Complementary

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



4280234572



4283185439

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.



4280956186



4280234572



4282592281

Square

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



4280234572



4283115056



4281872662



4278270003

Rectangle

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



4280234572



4282329665



4281872662



4280235809

Sweetspot

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



4280234572



4283586915



4280241208



4280823091



4289967027



4281545523

Same Dimension

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



4280234572



4280105827



4280426316



4280427558



4278201190



4278215142

Inverse Universe

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



4283178802



4284685627



4282993695



4280689188



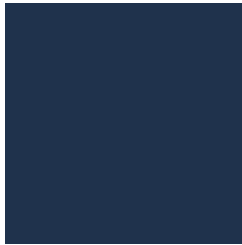
4284874795



4293263457

Previews

White Background



This preview shows how the Android color 4280234572 looks on a white background.

Color Contrast Check

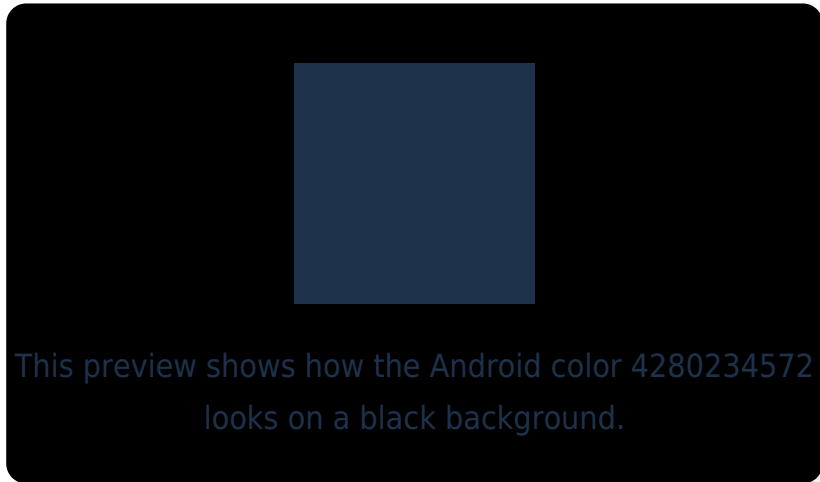
Large Text (above 18pt) WCAG AA ✓ Pass

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

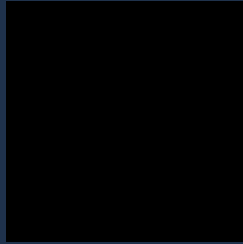
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

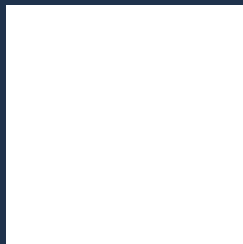
Any Text WCAG AAA × Fail

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

Android 4280234572 Background



This preview shows how black text looks on a background with the Android color 4280234572.



This preview shows how white text looks on a background with the Android color 4280234572.

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
4280234572

Protanopia
4280823883

Deuteranopia
4280496460

Trichromacy



Original Color

4280234572

Protanomaly

4280627531

Deuteranomaly

4280430924

Tritanomaly

4279907649

Monochromacy



Original Color

4280234572

Achromatopsia

4281282351

Achromatomaly

4280889402

CSS Examples

Text

The CSS property to change the color of the text to Android 4280234572 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, 50, 76)` looks like.

```
.text, #text, p{  
    color:rgb(31, 50, 76)  
}
```

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, 50, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 50, 76) }
```

Border

The CSS property to change the border of an element to Android 4280234572 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, 50, 76) }
```

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

```
.border{ border-color:rgb(31, 50, 76) }
```

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

Here you see how a box with a 4 pixel rgb(31, 50, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 50, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 50, 76);  
box-shadow:4px 4px 4px 4px rgb(31, 50, 76)  
}
```

Background

The CSS property to change the background color of an element to Android 4280234572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 50, 76) }
```

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

```
.background{ background-color: rgb(31, 50,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor