

Converting Colors

Android(4280299846)

Have a look what the booklet for
Android(4280299846) contains.

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Color

Android(4280299846)

Conversions

Conversions Part 1

Format	Color
Hex	203146
RGB	32, 49, 70
RGB Percent	13%, 19%, 27%
CMY	0.8745, 0.8078, 0.7255
CMYK	0.54, 0.30, 0.00, 0.73
HSL	213°, 37%, 20%
HSV	213°, 54%, 27%
XYZ	2.7995, 2.9459, 6.2154
YIQ	46.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

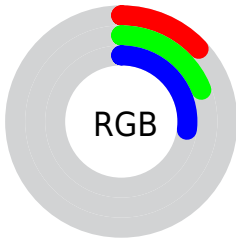
Format	Color
R_{YB}	32, 44, 70
Decimal	2109766
CIE _{Lab}	19.83, -0.01, -15.24
CIE _{LCh}	20, 15.239, 269.964
Yxy	2.9459, 0.2341, 0.2463
Android (android.graphics.Color)	4280299846 (0xFF203146)
YUV	46.3110, 11.6787, -12.5507
Hunter-Lab	17.1636, -0.9221, -9.4560

Details

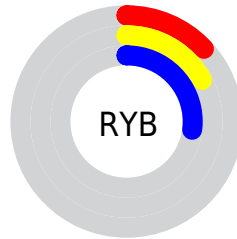
The Android color **4280299846** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282791200**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4283391862**, and **4278190363** is the 20% darker color. If you saturate the color by 10%, you get **4279840070**, and if you desaturate by 10%, it is **4280759622**.

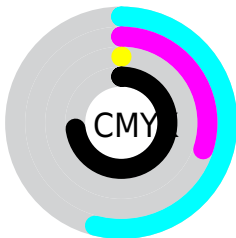
Distribution



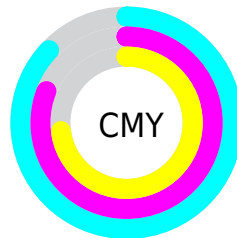
- Red (13%)
- Green (19%)
- Blue (27%)



- Red (13%)
- Yellow (17%)
- Blue (27%)



- Cyan (54%)
- Magenta (30%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280299846 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 4280299846 by changing the saturation by 10% instead.

■ 4280299846

■ 4280299846

4294967295

■ 4278721584

■ 4283391862

■ 4278190363

■ 4285036688

■ 4278190080

■ 4286681515

■ 4288392390

■ 4290234338

■ 4292011007

■ 4293918719

■ 4280299846

■ 4280299846

■ 4279840070

■ 4280759622

■ 4279380294

■ 4281219398

■ 4278920518

■ 4281679174

■ 4278460998

■ 4282138694

■ 4278198086

■ 4282598470

■ 4283058246

■ 4283518022

■ 4283977798

■ 4284437574

Harmonies

Analogous

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



4279055427



4280299846



4281412931

Triad

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



4280299846



4282722341



4280235300

Complementary

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



4280299846



4282791200

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.



4281086748



4280299846



4282395421

Square

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



4280299846



4282722096



4281806618



4279252528

Rectangle

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



4280299846



4282001982



4281806618



4280497185

Sweetspot

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



4280299846



4283257948



4280305205



4280625454



4289572269



4281216558

Same Dimension

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



4280299846



4280302428



4280426566



4280295972



4278201443



4278216419

Inverse Universe

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



4282785841



4284227643



4282664480



4280557602



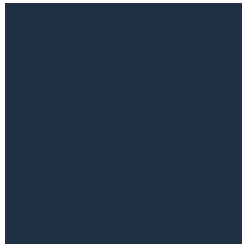
4284678188



4293066854

Previews

White Background



This preview shows how the Android color 4280299846 looks on a white background.

Color Contrast Check

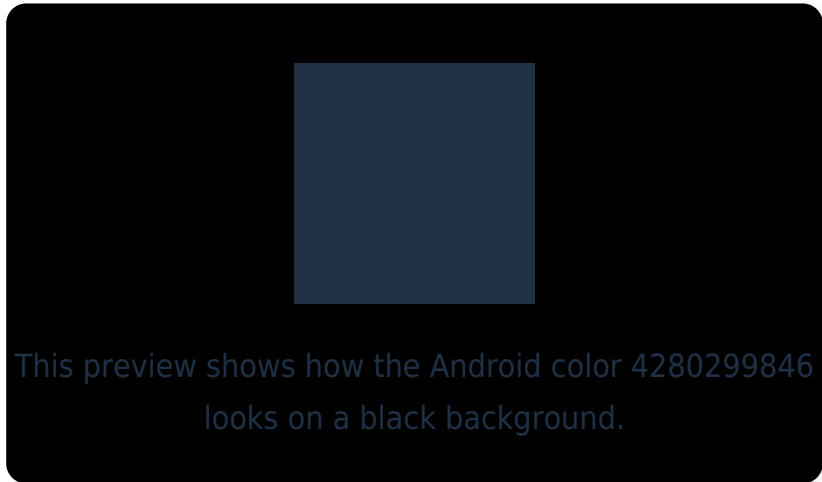
Large Text (above 18pt) WCAG AA ✓ Pass

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

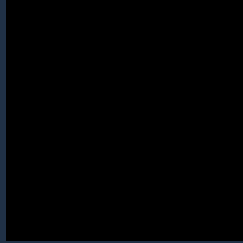
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

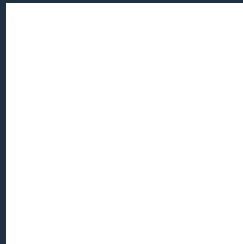
Any Text WCAG AAA × Fail

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

Android 4280299846 Background



This preview shows how black text looks on a background with the Android color 4280299846.

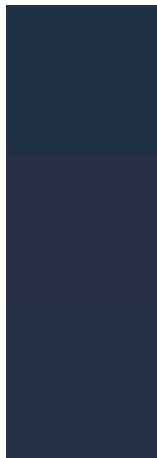


This preview shows how white text looks on a background with the Android color 4280299846.

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

4280299846

Protanopia

4280889157

Deuteranopia

4280692806

Trichromacy



Original Color

4280299846

Protanomaly

4280692805

Deuteranomaly

4280561734

Tritanomaly

4280103741

Monochromacy



Original Color

4280299846

Achromatopsia

4281216558

Achromatomaly

4280889143

CSS Examples

Text

The CSS property to change the color of the text to Android 4280299846 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(32, 49, 70)` looks like.

```
.text, #text, p{  
    color:rgb(32, 49, 70)  
}
```

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(32, 49, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 49, 70) }
```

Border

The CSS property to change the border of an element to Android 4280299846 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(32, 49, 70) }
```

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

```
.border{ border-color:rgb(32, 49, 70) }
```

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

Here you see how a box with a 4 pixel rgb(32, 49, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 49, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 49, 70);  
box-shadow:4px 4px 4px 4px rgb(32, 49, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4280299846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 49, 70) }
```

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

```
.background{ background-color: rgb(32, 49,  
70) }
```

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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