

Converting Colors

Android(4280564019)

Have a look what the booklet for
Android(4280564019) contains.

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Color

Android(4280564019)

Conversions

Conversions Part 1

Format	Color
Hex	243933
RGB	36, 57, 51
RGB Percent	14%, 22%, 20%
CMY	0.8588, 0.7765, 0.8000
CMYK	0.37, 0.00, 0.11, 0.78
HSL	163°, 23%, 18%
HSV	163°, 37%, 22%
XYZ	2.7882, 3.5403, 3.6684
YIQ	50.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

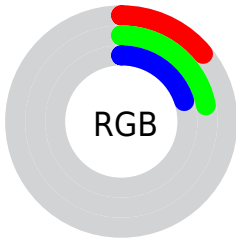
Format	Color
R_{YB}	36, 48, 57
Decimal	2373939
CIE Lab	22.09, -9.97, 1.08
CIE LCh	22, 10.032, 173.840
Yxy	3.5403, 0.2789, 0.3541
Android (android.graphics.Color)	4280564019 (0xFF243933)
YUV	50.0370, 0.4748, -12.3104
Hunter-Lab	18.8158, -6.4766, 1.6117

Details

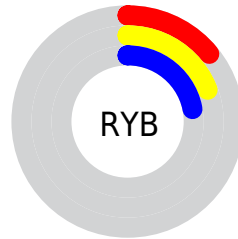
The Android color **4280564019** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281934890**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4283590753**, and **4278193669** is the 20% darker color. If you saturate the color by 10%, you get **4280170801**, and if you desaturate by 10%, it is **4280957237**.

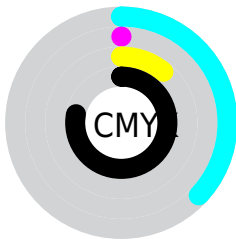
Distribution



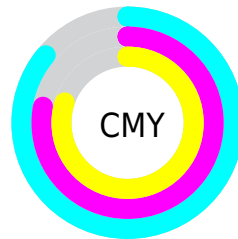
- Red (14%)
- Green (22%)
- Blue (20%)



- Red (14%)
- Yellow (19%)
- Blue (22%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (78%)



- Cyan (86%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280564019 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 4280564019 by changing the saturation by 10% instead.



4280564019



4280564019

4294967295



4279182110



4283590753



4278193669



4285170042



4278190080



4286815124



4288525998



4290302666



4292144870



4294049791



4280564019



4280564019

■ 4280170801

■ 4280957237

■ 4279843120

■ 4281284918

■ 4279449902

■ 4281678136

■ 4279056684

■ 4282071354

■ 4278729003

■ 4282464571

■ 4278335785

■ 4282792253

■ 4278204713

■ 4283185470

■ 4283578688

■ 4283906370

Harmonies

Analogous

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



4281088044



4280564019



4280301883

Triad

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



4280564019



4281611074



4282528041

Complementary

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



4280564019



4281934890

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.



4282658863



4280564019



4282200382

Square

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



4280564019



4280956483



4282593335



4282135590

Rectangle

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



4280564019



4280367167



4282593335



4282593579

Sweetspot

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



4280564019



4282534472



4280957220



4280362533



4289111718



4280690214

Same Dimension

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



4280564019



4280896065



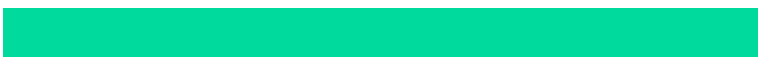
4280563001



4279835675



4278213698



4278246301

Inverse Universe

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



4281934890



4283050291



4281935908



4280031514



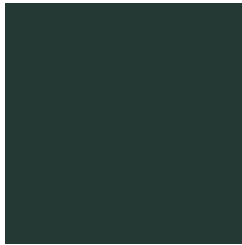
4284219418



4292542527

Previews

White Background



This preview shows how the Android color 4280564019 looks on a white background.

Color Contrast Check

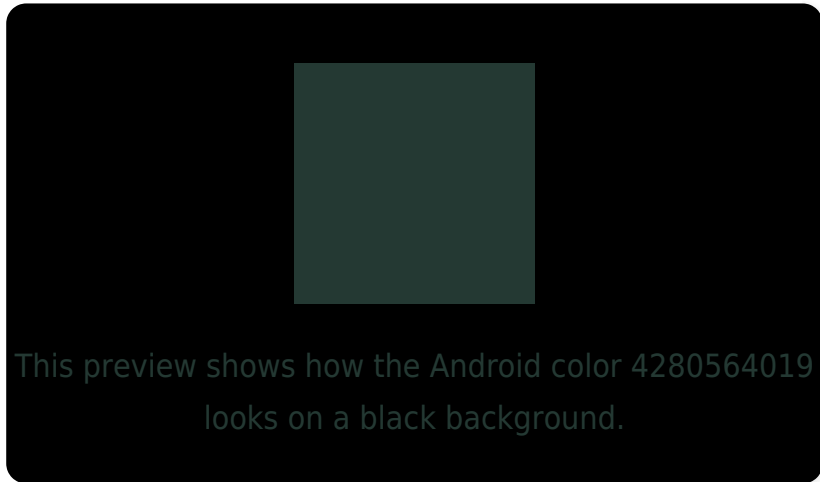
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280564019 Background



This preview shows how black text looks on a background with the Android color 4280564019.



This preview shows how white text looks on a background with the Android color 4280564019.

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
4280564019

Protanopia
4281808177

Deuteranopia
4282004276

Trichromacy



Original Color

4280564019

Protanomaly

4281349682

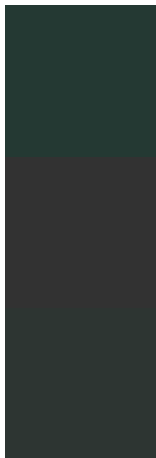
Deuteranomaly

4281480500

Tritanomaly

4280629305

Monochromacy



Original Color

4280564019

Achromatopsia

4281479730

Achromatomaly

4281152818

CSS Examples

Text

The CSS property to change the color of the text to Android 4280564019 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(36, 57, 51)` looks like.

```
.text, #text, p{  
    color:rgb(36, 57, 51)  
}
```

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(36, 57, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 57, 51) }
```

Border

The CSS property to change the border of an element to Android 4280564019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

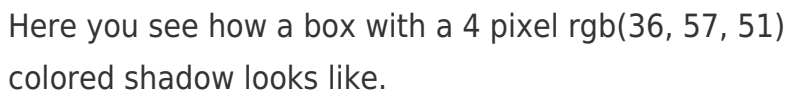
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(36, 57, 51) }
```

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

```
.border{ border-color:rgb(36, 57, 51) }
```

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



Here you see how a box with a 4 pixel `rgb(36, 57, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 57, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 57, 51);  
box-shadow:4px 4px 4px 4px rgb(36, 57, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4280564019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 57, 51) }
```

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

```
.background{ background-color: rgb(36, 57,  
51) }
```

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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