

Converting Colors

Android(4280769102)

Have a look what the booklet for
Android(4280769102) contains.

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Color

Android(4280769102)

Conversions

Conversions Part 1

Format	Color
Hex	275A4E
RGB	39, 90, 78
RGB Percent	15%, 35%, 31%
CMY	0.8471, 0.6471, 0.6941
CMYK	0.57, 0.00, 0.13, 0.65
HSL	166°, 40%, 25%
HSV	166°, 57%, 35%
XYZ	5.8680, 8.2937, 8.4993
YIQ	73.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

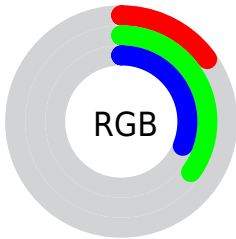
Format	Color
R_{YB}	39, 68, 90
Decimal	2579022
CIE _{Lab}	34.59, -20.43, 1.74
CIE _{LCh}	35, 20.507, 175.120
Yxy	8.2937, 0.2589, 0.3660
Android (android.graphics.Color)	4280769102 (0xFF275A4E)
YUV	73.3830, 2.2762, -30.1539
Hunter-Lab	28.7988, -14.0270, 2.6611




Details

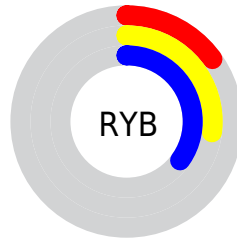
The Android color **4280769102** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284098355**, and the grayscale version is **4282992969**.




A 20% lighter version of the original color is **4284058751**, and **4278201378** is the 20% darker color. If you saturate the color by 10%, you get **4280179276**, and if you desaturate by 10%, it is **4281358928**.

Distribution







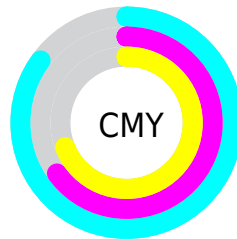
-  Red (15%)
-  Green (35%)
-  Blue (31%)






-  Red (15%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (65%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280769102 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 4280769102 by changing the saturation by 10% instead.



4280769102



4280769102

4294967295



4278927927



4284058751



4278201378



4285769625



4278196492



4287480500



4278190080



4289257167



4291099627



4292935679



4294836223



4280769102



4280769102

■ 4280179276

■ 4281358928

■ 4279589450

■ 4281948754

■ 4278999624

■ 4282538580

■ 4278409798

■ 4283128406

■ 4278213189

■ 4283718233

■ 4284308059

■ 4284897885

■ 4285487711

■ 4286077537

Harmonies

Analogous

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



4282079294



4280769102



4279655007

Triad

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



4280769102



4283453039



4285221431

Complementary

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



4280769102



4284098355

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.



4285613636



4280769102



4284696676

Square

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



4280769102



4281750642



4285482325



4284436273

Rectangle

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



4280769102



4279785832



4285482325



4285417531

Sweetspot

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



4280769102



4284577137



4281621031



4281285432



4290427578



4282071867

Same Dimension

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



4280769102



4280710499



4280765786



4280888877



4278218324



4278250933

Inverse Universe

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



4284098355



4285867576



4284101671



4281215274



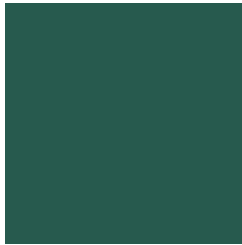
4285399066



4293722168

Previews

White Background



This preview shows how the Android color 4280769102 looks on a white background.

Color Contrast Check

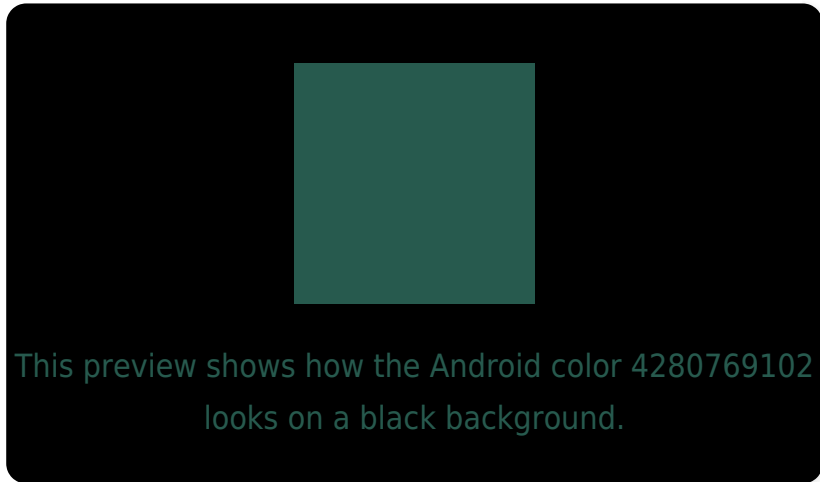
Large Text (above 18pt) WCAG AA ✓ Pass

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

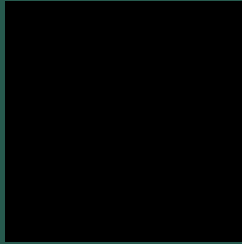
Any Text WCAG AA × Fail

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 4280769102 Background



This preview shows how black text looks on a background with the Android color 4280769102.



This preview shows how white text looks on a background with the Android color 4280769102.

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
4280769102

Protanopia
4283715913

Deuteranopia
4284042832

Trichromacy



Original Color
4280769102

Protanomaly
4282668107

Deuteranomaly
4282864207

Tritanomaly
4281031001

Monochromacy



Original Color
4280769102

Achromatopsia
4282992969

Achromatomaly
4282208075

CSS Examples

Text

The CSS property to change the color of the text to Android 4280769102 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(39, 90, 78)` looks like.

```
.text, #text, p{  
    color:rgb(39, 90, 78)  
}
```

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(39, 90, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 90, 78) }
```

Border

The CSS property to change the border of an element to Android 4280769102 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(39, 90, 78) }
```

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

```
.border{ border-color:rgb(39, 90, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 90, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 90, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 90, 78);  
box-shadow:4px 4px 4px 4px rgb(39, 90, 78)  
}
```

Background

The CSS property to change the background color of an element to Android 4280769102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 90, 78) }
```

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

```
.background{ background-color: rgb(39, 90,  
78) }
```

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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