

Converting Colors

Android(4280560969)

Have a look what the booklet for
Android(4280560969) contains.

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Color

Android(4280560969)

Conversions

Conversions Part 1

Format	Color
Hex	242D49
RGB	36, 45, 73
RGB Percent	14%, 18%, 29%
CMY	0.8588, 0.8235, 0.7137
CMYK	0.51, 0.38, 0.00, 0.71
HSL	225°, 34%, 21%
HSV	225°, 51%, 29%
XYZ	2.8685, 2.7329, 6.6796
YIQ	45.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

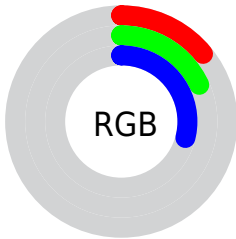
Format	Color
RYB	36, 43, 73
Decimal	2370889
CIELab	18.94, 5.07, -18.64
CIELCh	19, 19.313, 285.207
Yxy	2.7329, 0.2336, 0.2225
Android (android.graphics.Color)	4280560969 (0xFF242D49)
YUV	45.5010, 13.5570, -8.3324
Hunter-Lab	16.5314, 2.0434, -12.3846

Details

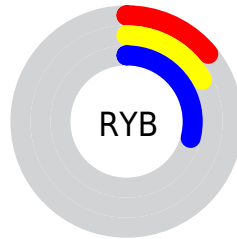
The Android color **4280560969** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282990628**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4283652730**, and **4278190365** is the 20% darker color. If you saturate the color by 10%, you get **4280100681**, and if you desaturate by 10%, it is **4281021257**.

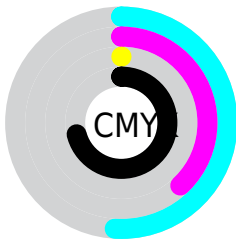
Distribution



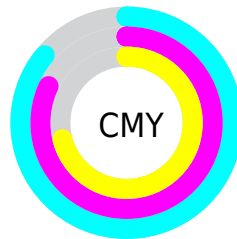
- Red (14%)
- Green (18%)
- Blue (29%)



- Red (14%)
- Yellow (17%)
- Blue (29%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280560969 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 4280560969 by changing the saturation by 10% instead.

■ 4280560969

■ 4280560969

4294967295

■ 4279048498

■ 4283652730

■ 4278190365

■ 4285297556

■ 4278190080

■ 4286942382

■ 4288718794

■ 4290495206

■ 4292337407

■ 4294245119

■ 4280560969

■ 4280560969

■ 4280100681

■ 4281021257

■ 4279575113

■ 4281546825

■ 4279114825

■ 4282007113

■ 4278654793

■ 4282467145

■ 4278194761

■ 4282992969

■ 4283453001

■ 4283913289

■ 4284373321

■ 4284899145

Harmonies

Analogous

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



4278399305



4280560969



4281870402

Triad

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



4280560969



4282721819



4278859046

Complementary

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



4280560969



4282990628

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.



4280300314



4280560969



4282133267

Square

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



4280560969



4282983207



4281347858



4278203701

Rectangle

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



4280560969



4282459194



4281347858



4279448610

Sweetspot

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



4280560969



4283454558



4280568128



4280822320



4289769648



4281348144

Same Dimension

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



4280560969



4280628062



4281148489



4280295716



4278196323



4278204387

Inverse Universe

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



4282983469



4284359987



4282403108



4280557601



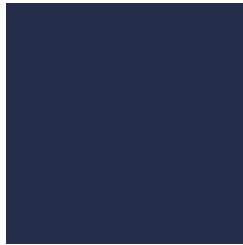
4284678168



4293066807

Previews

White Background



This preview shows how the Android color 4280560969 looks on a white background.

Color Contrast Check

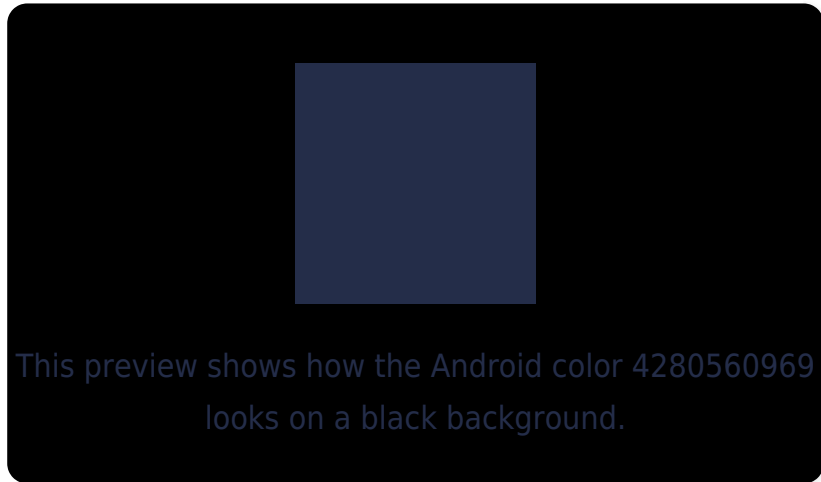
Large Text (above 18pt) WCAG AA ✓ Pass

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

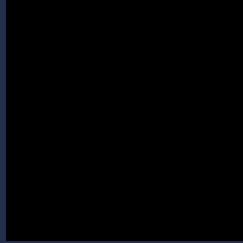
Any Text WCAG AA × Fail

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 4280560969 Background



This preview shows how black text looks on a background with the Android color 4280560969.



This preview shows how white text looks on a background with the Android color 4280560969.

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
4280560969

Protanopia
4280495433

Deuteranopia
4280233545

Trichromacy



Original Color

4280560969

Protanomaly

4280495433

Deuteranomaly

4280364617

Tritanomaly

4280299580

Monochromacy



Original Color

4280560969

Achromatopsia

4281216558

Achromatomaly

4280954424

CSS Examples

Text

The CSS property to change the color of the text to Android 4280560969 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, 45, 73)` looks like.

```
.text, #text, p{  
    color:rgb(36, 45, 73)  
}
```

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, 45, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 45, 73) }
```

Border

The CSS property to change the border of an element to Android 4280560969 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, 45, 73) }
```

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

```
.border{ border-color:rgb(36, 45, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 45, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 45, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 45, 73);  
box-shadow:4px 4px 4px 4px rgb(36, 45, 73)  
}
```

Background

The CSS property to change the background color of an element to Android 4280560969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 45, 73) }
```

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

```
.background{ background-color: rgb(36, 45,  
73) }
```

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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