

Converting Colors

Android(4280831369)

Have a look what the booklet for
Android(4280831369) contains.

Android(4280831369)	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(4280831369)

Conversions

Conversions Part 1

Format	Color
Hex	284D89
RGB	40, 77, 137
RGB Percent	16%, 30%, 54%
CMY	0.8431, 0.6980, 0.4627
CMYK	0.71, 0.44, 0.00, 0.46
HSL	217°, 55%, 35%
HSV	217°, 71%, 54%
XYZ	8.0443, 7.5650, 24.7031
YIQ	72.7770, -41.3120, 10.8160

Conversions

Conversions Part 2

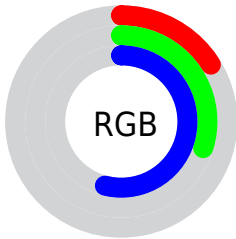
Format	Color
R_{YB}	40, 67, 137
Decimal	2641289
CIE Lab	33.06, 8.06, -37.40
CIE LCh	33, 38.254, 282.164
Yxy	7.5650, 0.1995, 0.1877
Android (android.graphics.Color)	4280831369 (0xFF284D89)
YUV	72.7770, 31.6619, -28.7454
Hunter-Lab	27.5046, 4.0732, -33.9979

Details

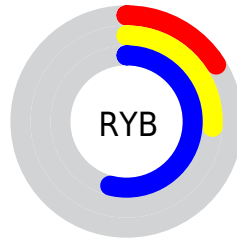
The Android color `4280831369` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287194152`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4284579519`, and `4278198870` is the 20% darker color. If you saturate the color by 10%, you get `4279911817`, and if you desaturate by 10%, it is `4281750921`.

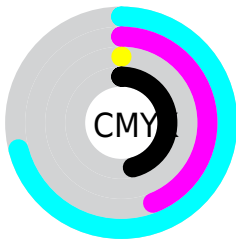
Distribution



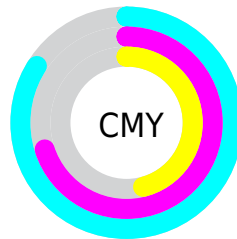
- Red (16%)
- Green (30%)
- Blue (54%)



- Red (16%)
- Yellow (26%)
- Blue (54%)



- Cyan (71%)
- Magenta (44%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280831369 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 4280831369 by changing the saturation by 10% instead.

■ 4280831369

■ 4280831369

4294967295

■ 4278204271

■ 4284579519

■ 4278198870

■ 4286420955

■ 4278192959

■ 4288197368

■ 4278190888

■ 4290039295

■ 4278190354

■ 4291947007

■ 4278190080

■ 4293853183

■ 4280831369

■ 4280831369

■ 4279911817

■ 4281750921

■ 4279057545

■ 4282605193

■ 4278203529

■ 4283524745

■ 4284444553

■ 4285364105

■ 4286218377

■ 4287137929

■ 4288057737

■ 4288911753

Harmonies

Analogous

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



4278212231



4280831369



4284432507

Triad

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



4280831369



4286462246



4278213434

Complementary

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



4280831369



4287194152

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.



4281358110



4280831369



4285285904

Square

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



4280831369



4286918979



4283584523



4278213722

Rectangle

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



4280831369



4285806698



4283584523



4278606384

Sweetspot

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



4280831369



4287470515



4280846692



4282600281



4292467161



4284045657

Same Dimension

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



4280831369



4279981491



4281542793



4282270021



4278203269



4278190597

Inverse Universe

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



4287178829



4289928021



4286482728



4282728001



4286906419



4278517762

Previews

White Background



This preview shows how the Android color 4280831369 looks on a white background.

Color Contrast Check

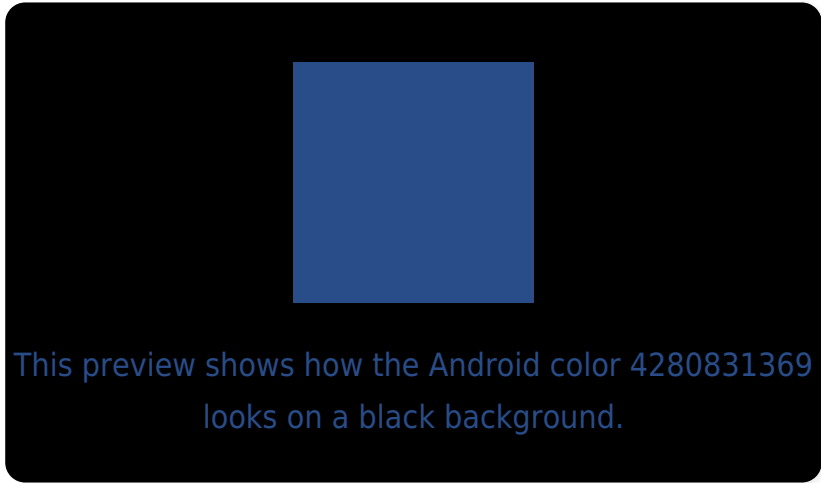
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280831369 Background



This preview shows how black text looks on a background with the Android color 4280831369.



This preview shows how white text looks on a background with the Android color 4280831369.

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

4280831369

Protanopia

4281486472

Deuteranopia

4279914377

Trichromacy



Original Color

4280831369

Protanomaly

4281224328

Deuteranomaly

4280241801

Tritanomaly

4279194477

Monochromacy



Original Color

4280831369

Achromatopsia

4282992969

Achromatomaly

4282206816

CSS Examples

Text

The CSS property to change the color of the text to Android 4280831369 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(40, 77, 137)` looks like.

```
.text, #text, p{  
    color:rgb(40, 77, 137)  
}
```

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(40, 77, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 77, 137) }
```

Border

The CSS property to change the border of an element to Android 4280831369 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(40, 77, 137) }
```

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

```
.border{ border-color:rgb(40, 77, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 77, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 77, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 77, 137);  
box-shadow:4px 4px 4px 4px rgb(40, 77,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4280831369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 77, 137) }
```

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

```
.background{ background-color: rgb(40, 77,  
137) }
```

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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