

Converting Colors

Android(4280756609)

Have a look what the booklet for
Android(4280756609) contains.

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Color

Android(4280756609)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 272981 |
| RGB | 39, 41, 129 |
| RGB Percent | 15%, 16%, 51% |
| CMY | 0.8471, 0.8392, 0.4941 |
| CMYK | 0.70, 0.68, 0.00, 0.49 |
| HSL | 239°, 54%, 33% |
| HSV | 239°, 70%, 51% |
| XYZ | 5.5921, 3.6022, 21.1694 |
| YIQ | 50.4340, -29.4400, 26.9440 |

Conversions

Conversions Part 2

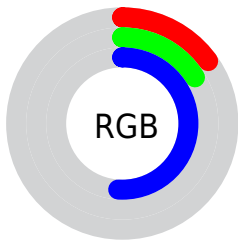
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 39, 41, 129 |
| Decimal | 2566529 |
| CIE _{Lab} | 22.31, 29.34, -49.81 |
| CIE _{LCh} | 22, 57.809, 300.498 |
| Yxy | 3.6022, 0.1842, 0.1186 |
| Android (android.graphics.Color) | 4280756609 (0xFF272981) |
| YUV | 50.4340, 38.7330, -10.0276 |
| Hunter-Lab | 18.9794, 19.3791, -52.8457 |

Details

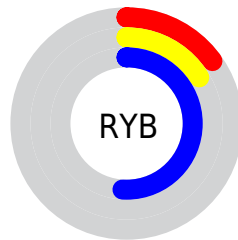
The Android color **4280756609** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286676775**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4284569527**, and **4278190159** is the 20% darker color. If you saturate the color by 10%, you get **4279901313**, and if you desaturate by 10%, it is **4281611905**.

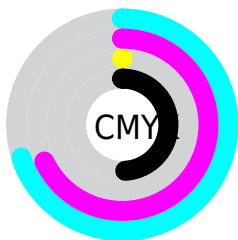
Distribution



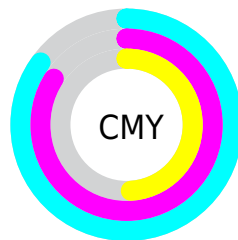
- Red (15%)
- Green (16%)
- Blue (51%)



- Red (15%)
- Yellow (16%)
- Blue (51%)



- Cyan (70%)
- Magenta (68%)
- Yellow (0%)
- Black (49%)



- Cyan (85%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280756609 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 4280756609 by changing the saturation by 10% instead.



4280756609



4280756609

4294967295



4278195303



4284569527



4278190159



4286345171



4278191415



4288186863



4278190625



4290094079



4278190085



4291935999



4278190080



4293909247



4294965247



4280756609



4280756609

■ 4279901313

■ 4281611905

■ 4279046273

■ 4282466945

■ 4278190977

■ 4283322241

■ 4284177281

■ 4285032577

■ 4285822337

■ 4286677377

■ 4287532673

■ 4288387969

Harmonies

Analogous

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



4278205581



4280756609



4284874849

Triad

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



4280756609



4284620800



4278207797

Complementary

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



4280756609



4286676775

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.



4278207234



4280756609



4282528768

Square

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



4280756609



4285988876



4279451392



4278208096

Rectangle

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



4280756609



4285988933



4279451392



4278207782

Sweetspot

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



4280756609



4286940840



4280779134



4282335316



4292138196



4283716692

Same Dimension

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



4280756609



4279967400



4283508609



4281940544



4278190976



4278190080

Inverse Universe

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



4286654249



4289207070



4283924775



4282399034



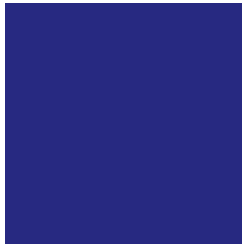
4286578691



4278190080

Previews

White Background



This preview shows how the Android color 4280756609 looks on a white background.

Color Contrast Check

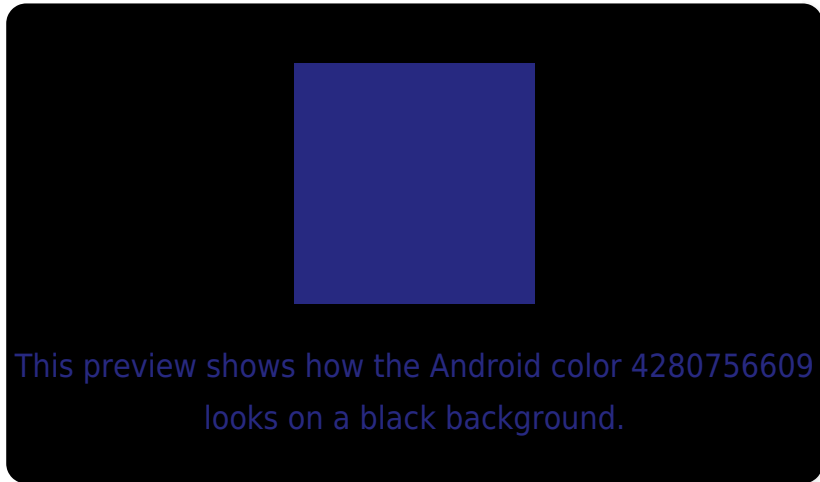
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280756609 Background



This preview shows how black text looks on a background with the Android color 4280756609.



This preview shows how white text looks on a background with the Android color 4280756609.

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
4280756609

Protanopia
4278203501

Deuteranopia
4278204253

Trichromacy



Original Color
4280756609

Protanomaly
4279119988

Deuteranomaly
4279120490

Tritanomaly
4279121240

Monochromacy



Original Color
4280756609

Achromatopsia
4281479730

Achromatomaly
4281216847

CSS Examples

Text

The CSS property to change the color of the text to Android 4280756609 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, 41, 129)` looks like.

```
.text, #text, p{  
    color:rgb(39, 41, 129)  
}
```

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, 41, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 41, 129) }
```

Border

The CSS property to change the border of an element to Android 4280756609 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, 41, 129) }
```

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

```
.border{ border-color:rgb(39, 41, 129) }
```

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

Here you see how a box with a 4 pixel rgb(39, 41, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 41, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 41, 129);  
box-shadow:4px 4px 4px 4px rgb(39, 41,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4280756609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 41, 129) }
```

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

```
.background{ background-color: rgb(39, 41,  
129) }
```

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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