

Converting Colors

Android(4278720049)

Have a look what the booklet for
Android(4278720049) contains.

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Color

Android(4278720049)

Conversions

Conversions Part 1

Format	Color
Hex	081631
RGB	8, 22, 49
RGB Percent	3%, 9%, 19%
CMY	0.9686, 0.9137, 0.8078
CMYK	0.84, 0.55, 0.00, 0.81
HSL	220°, 72%, 11%
HSV	220°, 84%, 19%
XYZ	0.9414, 0.8472, 3.0196
YIQ	20.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

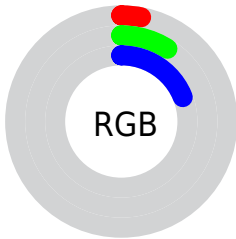
Format	Color
R _Y B	8, 18, 49
Decimal	529969
CIE Lab	7.65, 5.43, -19.76
CIE LCh	8, 20.490, 285.362
Yxy	0.8472, 0.1958, 0.1762
Android (android.graphics.Color)	4278720049 (0xFF081631)
YUV	20.8920, 13.8572, -11.3063
Hunter-Lab	9.2043, 2.1496, -13.0081

Details

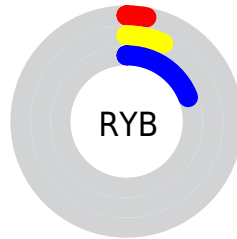
The Android color **4278720049** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281410312**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4281811039**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278391601**, and if you desaturate by 10%, it is **4279048497**.

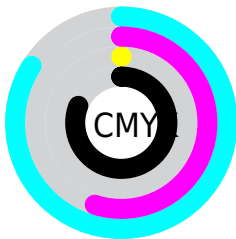
Distribution



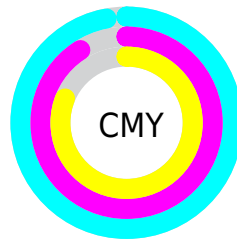
- Red (3%)
- Green (9%)
- Blue (19%)



- Red (3%)
- Yellow (7%)
- Blue (19%)



- Cyan (84%)
- Magenta (55%)
- Yellow (0%)
- Black (81%)



- Cyan (97%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278720049 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 4278720049 by changing the saturation by 10% instead.

■ 4278720049

■ 4278720049

■ 4293981951

■ 4278190620

■ 4281811039

■ 4278190080

■ 4283389816

■ 4285034642

■ 4286745005

■ 4288455624

■ 4290232036

■ 4292074239

■ 4278720049

■ 4278720049

■ 4278391601

■ 4279048497

■ 4278194481

■ 4279376945

■ 4279705649

■ 4280034097

■ 4280362545

■ 4280625457

■ 4280954161

■ 4281282609

■ 4281611057

Harmonies

Analogous

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



4278196785



4278720049



4280291370

Triad

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



4278720049



4281142784



4278197774

Complementary

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



4278720049



4281410312

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.



4278524928



4278720049



4280554496

Square

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



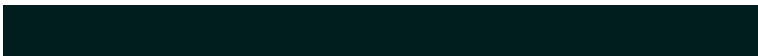
4278720049



4281272591



4279703552



4278197790

Rectangle

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



4278720049



4280880162



4279703552



4278197510

Sweetspot

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



4278720049



4281349440



4278726947



4279704353



4288782753



4280361249

Same Dimension

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



4278720049



4278195776



4279109681



4279703578



4278197849



4278209241

Inverse Universe

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



4281403414



4282384406



4281020680



4279899928



4284022814



4292411466

Previews

White Background



This preview shows how the Android color 4278720049 looks on a white background.

Color Contrast Check

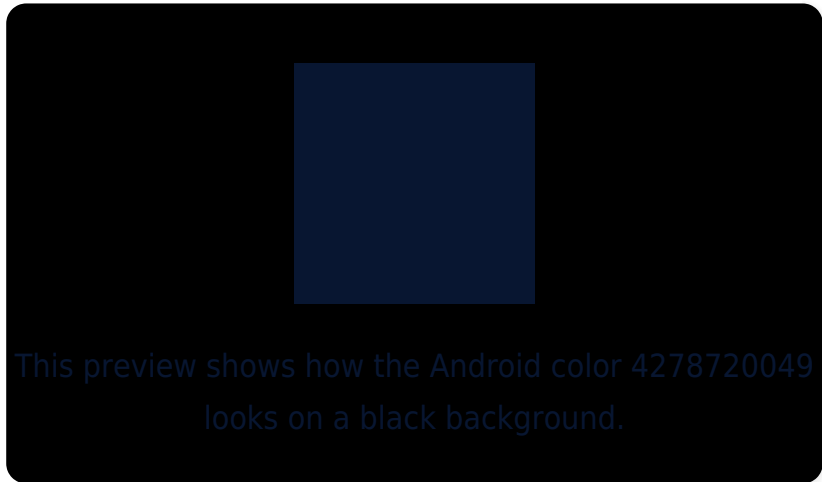
Large Text (above 18pt) WCAG AA ✓ Pass

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

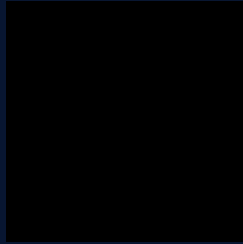
Any Text WCAG AA × Fail

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 4278720049 Background



This preview shows how black text looks on a background with the Android color 4278720049.



This preview shows how white text looks on a background with the Android color 4278720049.

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
4278720049

Protanopia
4278196016

Deuteranopia
4278196265

Trichromacy



Original Color

4278720049

Protanomaly

4278392624

Deuteranomaly

4278392620

Tritanomaly

4278393124

Monochromacy



Original Color

4278720049

Achromatopsia

4279571733

Achromatomaly

4279244063

CSS Examples

Text

The CSS property to change the color of the text to Android 4278720049 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(8, 22, 49)` looks like.

```
.text, #text, p{  
    color:rgb(8, 22, 49)  
}
```

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(8, 22, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 22, 49) }
```

Border

The CSS property to change the border of an element to Android 4278720049 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(8, 22, 49) }
```

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

```
.border{ border-color:rgb(8, 22, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 22, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 22, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 22, 49); box-shadow:4px  
4px 4px 4px rgb(8, 22, 49) }
```

Background

The CSS property to change the background color of an element to Android 4278720049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 22, 49) }
```

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

```
.background{ background-color: rgb(8, 22,  
49) }
```

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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