

Converting Colors

Android(4278193489)

Have a look what the booklet for
Android(4278193489) contains.

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Color

Android(4278193489)

Conversions

Conversions Part 1

Format	Color
Hex	000D51
RGB	0, 13, 81
RGB Percent	0%, 5%, 32%
CMY	1.0000, 0.9490, 0.6824
CMYK	1.00, 0.84, 0.00, 0.68
HSL	230°, 100%, 16%
HSV	230°, 100%, 32%
XYZ	1.6291, 0.8819, 7.8689
YIQ	16.8650, -29.5760, 18.3920

Conversions

Conversions Part 2

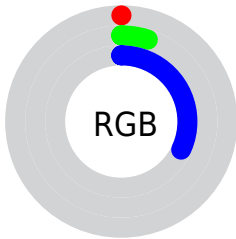
Format	Color
RYB	0, 11, 81
Decimal	3409
CIELab	7.97, 25.61, -41.99
CIELCh	8, 49.182, 301.385
Yxy	0.8819, 0.1569, 0.0850
Android (android.graphics.Color)	4278193489 (0xFF000D51)
YUV	16.8650, 31.6186, -14.7906
Hunter-Lab	9.3911, 14.5309, -43.1062

Details

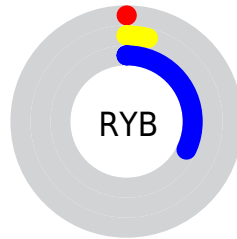
The Android color **4278193489** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4283515904**, and the grayscale version is **4279308561**.

A 20% lighter version of the original color is **4282398595**, and **4278190627** is the 20% darker color. If you saturate the color by 10%, you get **4278193489**, and if you desaturate by 10%, it is **4278719569**.

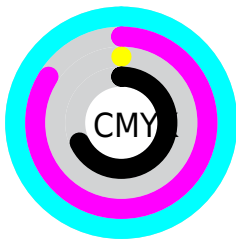
Distribution



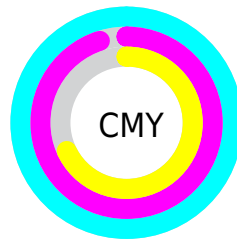
- Red (0%)
- Green (5%)
- Blue (32%)



- Red (0%)
- Yellow (4%)
- Blue (32%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (95%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193489 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 4278193489 by changing the saturation by 10% instead.

 4278193489

 4278193489

 4294962431

 4278190138

 4282398595

 4278190627

 4284108446

 4278190090

 4285884089

 4278190080

 4287659989

 4289436146

 4291343615

 4293185791

 4278193489

■ 4278719569

■ 4279245649

■ 4279771473

■ 4280297553

■ 4280889169

■ 4281415249

■ 4281941329

■ 4282467153

■ 4282993233

Harmonies

Analogous

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



4278197595



4278193489



4282122295

Triad

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



4278193489



4281730304



4278199064

Complementary

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



4278193489



4283515904

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.



4278199040



4278193489



4280162048

Square

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



4278193489



4282777600



4278198272



4278199609

Rectangle

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



4278193489



4282908706



4278198272



4278199050

Sweetspot

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



4278193489



4282994281



4278210883



4280427830



4290098613



4281742902

Same Dimension

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



4278193489



4278194537



4279959633



4280624425



4278199784

Inverse Universe

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



4283498509



4285071377



4281749760



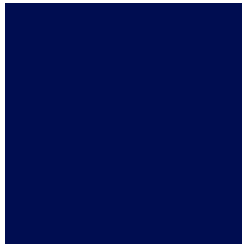
4280886565



4293394469

Previews

White Background



This preview shows how the Android color 4278193489 looks on a white background.

Color Contrast Check

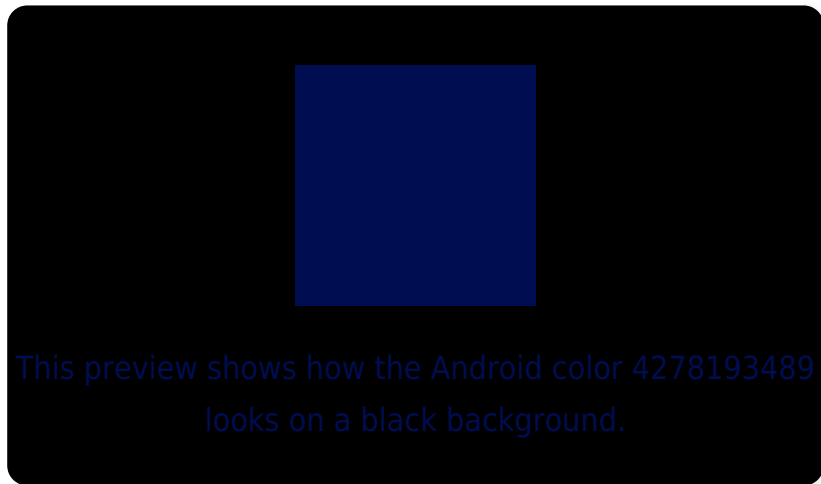
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278193489 Background



This preview shows how black text looks on a background with the Android color 4278193489.



This preview shows how white text looks on a background with the Android color 4278193489.

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
4278193489

Protanopia
4278196533

Deuteranopia
4278197037

Trichromacy



Original Color

4278193489

Protanomaly

4278195519

Deuteranomaly

4278195770

Tritanomaly

4278196017

Monochromacy



Original Color

4278193489

Achromatopsia

4279308561

Achromatomaly

4278915112

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193489 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(0, 13, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 81)  
}
```

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(0, 13, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 81) }
```

Border

The CSS property to change the border of an element to Android 4278193489 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(0, 13, 81) }
```

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

```
.border{ border-color:rgb(0, 13, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 81); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 13, 81); box-shadow:4px  
4px 4px 4px rgb(0, 13, 81) }
```

Background

The CSS property to change the background color of an element to Android 4278193489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 81) }
```

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

```
.background{ background-color: rgb(0, 13,  
81) }
```

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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