

Converting Colors

Android(4278194749)

Have a look what the booklet for
Android(4278194749) contains.

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Color

Android(4278194749)

Conversions

Conversions Part 1

Format	Color
Hex	00123D
RGB	0, 18, 61
RGB Percent	0%, 7%, 24%
CMY	1.0000, 0.9294, 0.7608
CMYK	1.00, 0.70, 0.00, 0.76
HSL	222°, 100%, 12%
HSV	222°, 100%, 24%
XYZ	1.0586, 0.7695, 4.5076
YIQ	17.5200, -24.5310, 9.5570

Conversions

Conversions Part 2

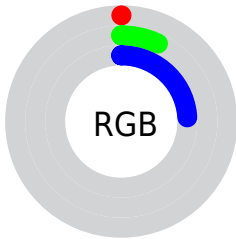
Format	Color
RYB	0, 14, 61
Decimal	4669
CIELab	6.95, 12.73, -29.62
CIELCh	7, 32.238, 293.266
Yxy	0.7695, 0.1671, 0.1215
Android (android.graphics.Color)	4278194749 (0xFF00123D)
YUV	17.5200, 21.4356, -15.3650
Hunter-Lab	8.7723, 6.1892, -24.3253

Details

The Android color **4278194749** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282198784**, and the grayscale version is **4279308561**.

A 20% lighter version of the original color is **4281744237**, and **4278190352** is the 20% darker color. If you saturate the color by 10%, you get **4278194749**, and if you desaturate by 10%, it is **4278588989**.

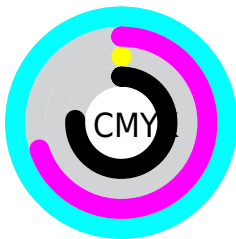
Distribution



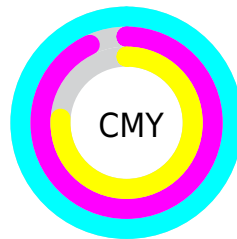
- Red (0%)
- Green (7%)
- Blue (24%)



- Red (0%)
- Yellow (5%)
- Blue (24%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194749 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 4278194749 by changing the saturation by 10% instead.

 4278194749

 4278194749

 4294111743

 4278190887

 4281744237

 4278190352

 4283388551

 4278190080

 4285098913

 4286809276

 4288585432

 4290361845

 4292203775

 4278194749

■ 4278588989

■ 4278983485

■ 4279377725

■ 4279771965

■ 4280231997

■ 4280626237

■ 4281020477

■ 4281414717

■ 4281809213

Harmonies

Analogous

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



4278196800



4278194749



4280878127

Triad

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



4278194749



4281272064



4278198286

Complementary

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



4278194749



4282198784

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.



4278198016



4278194749



4280357632

Square

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



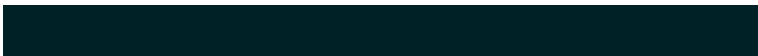
4278194749



4281925632



4278589952



4278198566

Rectangle

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



4278194749



4281597986



4278589952



4278198273

Sweetspot

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



4278194749



4281810511



4278205739



4279901737



4289243304



4280887593

Same Dimension

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



4278194749



4278196047



4278976573



4280032287



4278197342



4278206942

Inverse Universe

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



4282187794



4283367447



4281416960



4280228892



4284350492



4292739137

Previews

White Background



This preview shows how the Android color 4278194749 looks on a white background.

Color Contrast Check

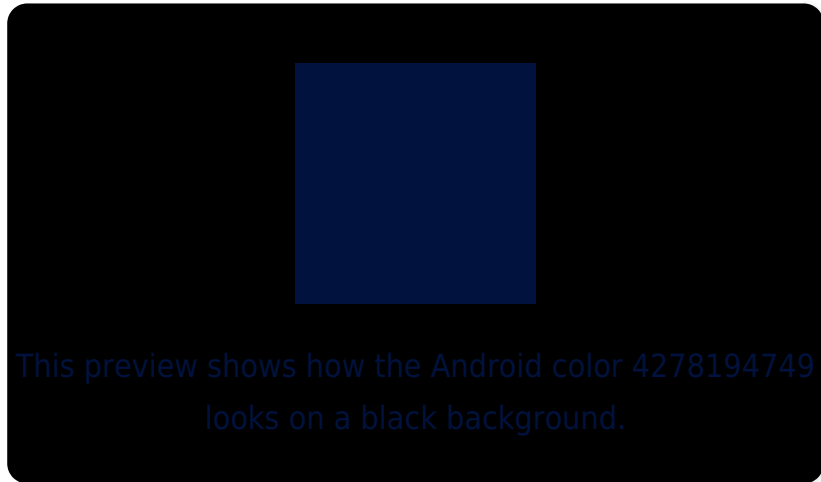
Large Text (above 18pt) WCAG AA ✓ Pass

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

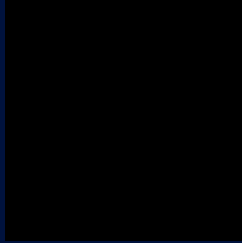
Any Text WCAG AA × Fail

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 4278194749 Background



This preview shows how black text looks on a background with the Android color 4278194749.



This preview shows how white text looks on a background with the Android color 4278194749.

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
4278194749

Protanopia
4278195759

Deuteranopia
4278196264



Tritanopia
4278196763

Trichromacy



Original Color

4278194749

Protanomaly

4278195508

Deuteranomaly

4278195760

Tritanomaly

4278196007

Monochromacy



Original Color

4278194749

Achromatopsia

4279374354

Achromatomaly

4278915618

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194749 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, 18, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 61)  
}
```

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, 18, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 61) }
```

Border

The CSS property to change the border of an element to Android 4278194749 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, 18, 61) }
```

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

```
.border{ border-color:rgb(0, 18, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 18, 61); box-shadow:4px  
4px 4px 4px rgb(0, 18, 61) }
```

Background

The CSS property to change the background color of an element to Android 4278194749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 61) }
```

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

```
.background{ background-color: rgb(0, 18,  
61) }
```

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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