

Converting Colors

Android(4278194807)

Have a look what the booklet for
Android(4278194807) contains.

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Color

Android(4278194807)

Conversions

Conversions Part 1

Format	Color
Hex	001277
RGB	0, 18, 119
RGB Percent	0%, 7%, 47%
CMY	1.0000, 0.9294, 0.5333
CMYK	1.00, 0.85, 0.00, 0.53
HSL	231°, 100%, 23%
HSV	231°, 100%, 47%
XYZ	3.5461, 1.7645, 17.6065
YIQ	24.1320, -43.1490, 27.5950

Conversions

Conversions Part 2

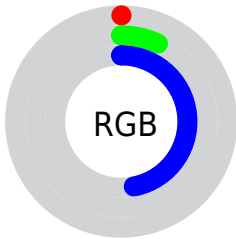
Format	Color
RYB	0, 16, 119
Decimal	4727
CIELab	14.20, 36.90, -56.89
CIELCh	14, 67.812, 302.969
Yxy	1.7645, 0.1547, 0.0770
Android (android.graphics.Color)	4278194807 (0xFF001277)
YUV	24.1320, 46.7699, -21.1638
Hunter-Lab	13.2835, 24.4050, -69.2865

Details

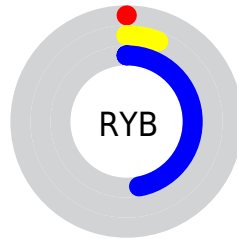
The Android color **4278194807** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286014720**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4283318188**, and **4278190149** is the 20% darker color. If you saturate the color by 10%, you get **4278194807**, and if you desaturate by 10%, it is **4278983799**.

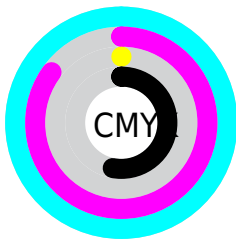
Distribution



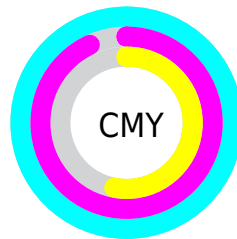
- Red (0%)
- Green (7%)
- Blue (47%)



- Red (0%)
- Yellow (6%)
- Blue (47%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194807 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 4278194807 by changing the saturation by 10% instead.

 4278194807

 4278194807

 4294965247

 4278190174

 4283318188

 4278190149

 4285159112

 4278190894

 4287066085

 4278190360

 4288907775

 4278190080

 4290814975

 4292722687

 4294695935

 4278194807

■ 4278983799

■ 4279772791

■ 4280561783

■ 4281350775

■ 4282074231

■ 4282863479

■ 4283652471

■ 4284441463

■ 4285230455

Harmonies

Analogous

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



4278201480



4278194807



4284153937

Triad

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



4278194807



4283303936



4278203432

Complementary

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



4278194807



4286014720

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.



4278203136



4278194807



4280952064

Square

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



4278194807



4284874752



4278201856



4278203736

Rectangle

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



4278194807



4285202482



4278201856



4278203159

Sweetspot

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



4278194807



4285363356



4278220643



4281546575



4291809231



4283387727

Same Dimension

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



4278194807



4278196380



4280811639



4281677371



4278195066



4278200058

Inverse Universe

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



4285988882



4288413720



4283397888



4282070326



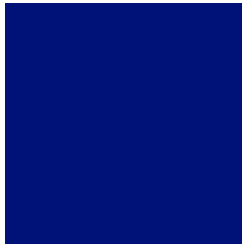
4286185491



4294574118

Previews

White Background



This preview shows how the Android color 4278194807 looks on a white background.

Color Contrast Check

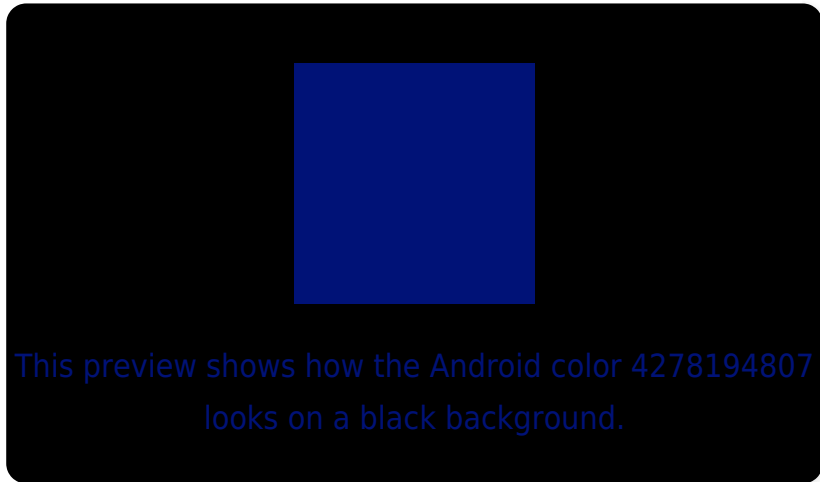
Large Text (above 18pt) WCAG AA ✓ Pass

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

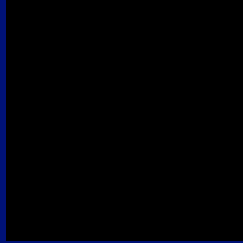
Any Text WCAG AA × Fail

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 4278194807 Background



This preview shows how black text looks on a background with the Android color 4278194807.



This preview shows how white text looks on a background with the Android color 4278194807.

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

4278194807

Protanopia

4278199630

Deuteranopia

4278200386

Trichromacy



Original Color

4278194807

Protanomaly

4278197853

Deuteranomaly

4278198357

Monochromacy



Original Color

4278194807

Achromatopsia

4279769112

Achromatomaly

4279178811

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194807 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 119) }
```

Border

The CSS property to change the border of an element to Android 4278194807 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, 119) }
```

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

```
.border{ border-color:rgb(0, 18, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 119)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194807 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, 119) }
```

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

```
.background{ background-color: rgb(0, 18,  
119) }
```

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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