

Converting Colors

Android(4278194793)

Have a look what the booklet for
Android(4278194793) contains.

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Color

Android(4278194793)

Conversions

Conversions Part 1

Format	Color
Hex	001269
RGB	0, 18, 105
RGB Percent	0%, 7%, 41%
CMY	1.0000, 0.9294, 0.5882
CMYK	1.00, 0.83, 0.00, 0.59
HSL	230°, 100%, 21%
HSV	230°, 100%, 41%
XYZ	2.7661, 1.4525, 13.4992
YIQ	22.5360, -38.6550, 23.2410

Conversions

Conversions Part 2

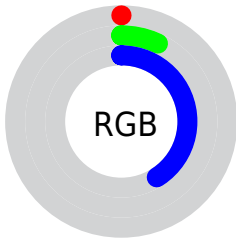
Format	Color
RYB	0, 15, 105
Decimal	4713
CIELab	12.30, 31.80, -50.93
CIELCh	12, 60.042, 301.981
Yxy	1.4525, 0.1561, 0.0820
Android (android.graphics.Color)	4278194793 (0xFF001269)
YUV	22.5360, 40.6548, -19.7641
Hunter-Lab	12.0521, 19.8768, -57.9723

Details

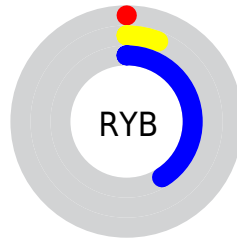
The Android color **4278194793** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285093632**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4282924445**, and **4278191416** is the 20% darker color. If you saturate the color by 10%, you get **4278194793**, and if you desaturate by 10%, it is **4278852457**.

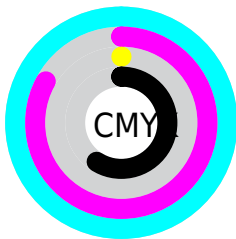
Distribution



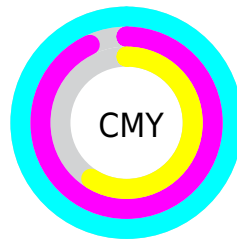
- Red (0%)
- Green (7%)
- Blue (41%)



- Red (0%)
- Yellow (6%)
- Blue (41%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (93%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194793 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 4278194793 by changing the saturation by 10% instead.

 4278194793

 4278194793

 4294964735

 4278190160

 4282924445

 4278191416

 4284765625

 4278190626

 4286606805

 4278190088

 4288448497

 4278190080

 4290290175

 4292197631

 4294170879

 4278194793

■ 4278852457

■ 4279575401

■ 4280298601

■ 4280956265

■ 4281679209

■ 4282336873

■ 4283060073

■ 4283717737

■ 4284440681

Harmonies

Analogous

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



4278200183



4278194793



4283367496

Triad

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



4278194793



4282779648



4278202146

Complementary

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



4278194793



4285093632

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.



4278201856



4278194793



4280754176

Square

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



4278194793



4284153856



4278200576



4278202444

Rectangle

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



4278194793



4284350509



4278200576



4278201875

Sweetspot

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



4278194793



4284508042



4278217046



4281086021



4291085508



4282729797

Same Dimension

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



4278194793



4278196362



4280352873



4281348406



4278195317



4278201077

Inverse Universe

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



4285071378



4287234072



4282935552



4281741361



4285857812



4294246442

Previews

White Background



This preview shows how the Android color 4278194793 looks on a white background.

Color Contrast Check

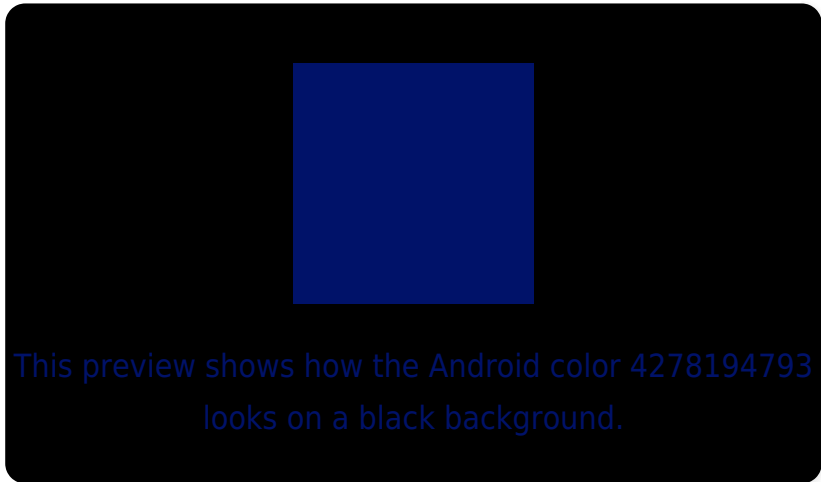
Large Text (above 18pt) WCAG AA ✓ Pass

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

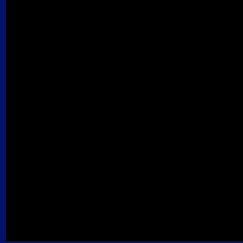
Any Text WCAG AA × Fail

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 4278194793 Background



This preview shows how black text looks on a background with the Android color 4278194793.



This preview shows how white text looks on a background with the Android color 4278194793.

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


4278194793

Protanopia

4278198598

Deuteranopia

4278199355



Tritanopia
4278199848

Trichromacy



Original Color
4278194793

Protanomaly
4278197331

Deuteranomaly
4278197580

Tritanomaly
4278198080

Monochromacy



Original Color
4278194793

Achromatopsia
4279703319

Achromatomaly
4279178549

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194793 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 105) }
```

Border

The CSS property to change the border of an element to Android 4278194793 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, 105) }
```

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

```
.border{ border-color:rgb(0, 18, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 105)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194793 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, 105) }
```

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

```
.background{ background-color: rgb(0, 18,  
105) }
```

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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