

# Converting Colors

Android(4278452298)

Have a look what the booklet for  
Android(4278452298) contains.

<b>Android(4278452298)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Android(4278452298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04004A
RGB	4, 0, 74
RGB Percent	2%, 0%, 29%
CMY	0.9843, 1.0000, 0.7098
CMYK	0.95, 1.00, 0.00, 0.71
HSL	243°, 100%, 15%
HSV	243°, 100%, 29%
XYZ	1.2861, 0.5202, 6.5112
YIQ	9.6320, -21.3700, 23.8620

# Conversions

## Conversions Part 2

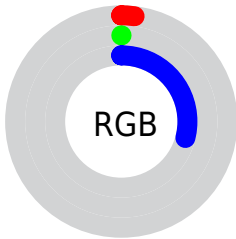
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 0, 74
Decimal	262218
CIE <sub>Lab</sub>	4.70, 29.93, -42.52
CIE <sub>LCh</sub>	5, 51.997, 305.137
Yxy	0.5202, 0.1546, 0.0625
Android (android.graphics.Color)	4278452298 (0xFF04004A)
YUV	9.6320, 31.7334, -4.9393
Hunter-Lab	7.2127, 19.2065, -48.4749

# Details

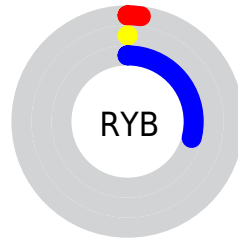
The Android color **4278452298** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282796544**, and the grayscale version is **4278782217**.

A 20% lighter version of the original color is **4282330236**, and **4278190621** is the 20% darker color. If you saturate the color by 10%, you get **4278452298**, and if you desaturate by 10%, it is **4278912842**.

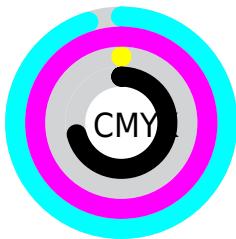
# Distribution



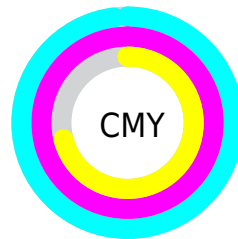
- Red (2%)
- Green (0%)
- Blue (29%)



- Red (2%)
- Yellow (0%)
- Blue (29%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (98%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278452298 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 4278452298 by changing the saturation by 10% instead.



 4278452298

 4278452298

 4294959103

 4278190131

 4282330236

 4278190621

 4284040086

 4278190080

 4285815729

 4287591629

 4289367529

 4291275007

 4293116927

 4278452298

■ 4278912842

■ 4279373642

■ 4279834186

■ 4280294986

■ 4280755530

■ 4281216074

■ 4281676874

■ 4282137418

■ 4282598218

# Harmonies

## Analogous

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



4278195543



4278452298



4281925678

# Triad

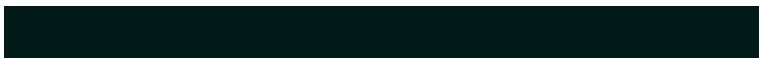
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278452298



4281139200



4278196759

# Complementary

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



4278452298



4282796544

# 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.



4278196480



4278452298



4279112192

# Square

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



4278452298



4282253312



4278196480



4278197304

# Rectangle

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



4278452298



4282581016



4278196480



4278196485



# Sweetspot

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



4278452298



4282729569



4278208074



4280295216



4289769648



4281348144



# Same Dimension

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



4278452298



4278517857



4280877130



4280492582



4278583398



4278976742



# Inverse Universe

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



4283039814



4284547164



4280371712



4280689190



4284874848

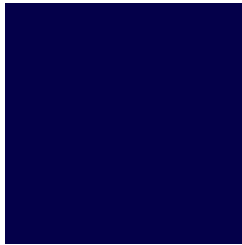


4293263577



# Previews

## White Background



This preview shows how the Android color 4278452298 looks on a white background.

## Color Contrast Check

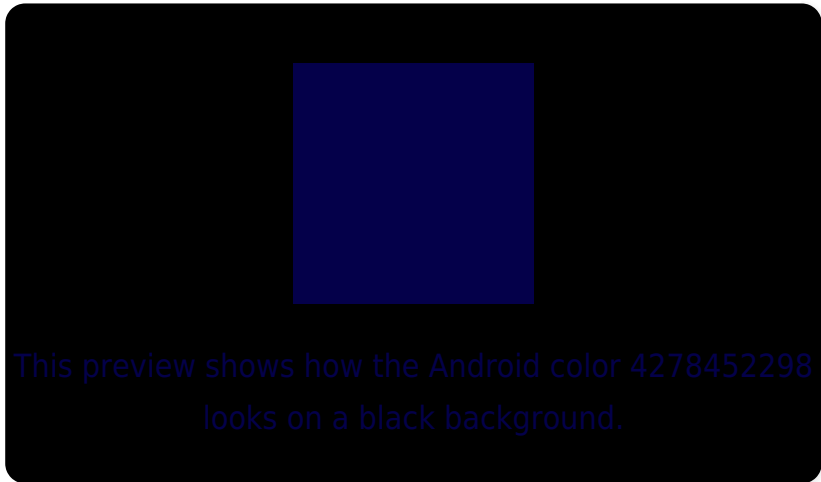
Large Text (above 18pt) WCAG AA ✓ Pass

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

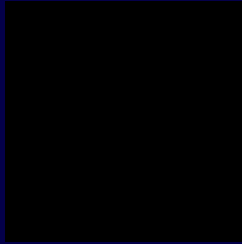
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278452298 Background



This preview shows how black text looks on a background with the Android color 4278452298.



This preview shows how white text looks on a background with the Android color 4278452298.

# 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**  
4278452298

**Protanopia**  
4278195757

**Deuteranopia**  
4278196006

# Trichromacy



**Original Color**

4278452298

**Protanomaly**

4278259256

**Deuteranomaly**

4278259507

# Monochromacy



**Original Color**

4278452298

**Achromatopsia**

4278848010

**Achromatomaly**

4278715937

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278452298 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(4, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(4, 0, 74)  
}
```

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(4, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 0, 74) }
```

## Border

The CSS property to change the border of an element to Android 4278452298 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(4, 0, 74) }
```

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

```
.border{ border-color:rgb(4, 0, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 0, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 0, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 0, 74); box-shadow:4px  
4px 4px 4px rgb(4, 0, 74) }
```

# Background

The CSS property to change the background color of an element to Android 4278452298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 0, 74) }
```

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

```
.background{ background-color: rgb(4, 0,  
74) }
```

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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