

# Converting Colors

Android(4278197390)

Have a look what the booklet for  
Android(4278197390) contains.

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# Color

**Android(4278197390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001C8E
RGB	0, 28, 142
RGB Percent	0%, 11%, 56%
CMY	1.0000, 0.8902, 0.4431
CMYK	1.00, 0.80, 0.00, 0.44
HSL	228°, 100%, 28%
HSV	228°, 100%, 56%
XYZ	5.2977, 2.7835, 25.8492
YIQ	32.6240, -53.2820, 29.5180

# Conversions

## Conversions Part 2

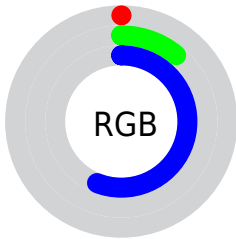
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 23, 142
Decimal	7310
CIELab	19.16, 39.46, -63.23
CIELCh	19, 74.532, 301.971
Yxy	2.7835, 0.1561, 0.0820
Android (android.graphics.Color)	4278197390 (0xFF001C8E)
YUV	32.6240, 53.9224, -28.6112
Hunter-Lab	16.6838, 27.4837, -80.1828

# Details

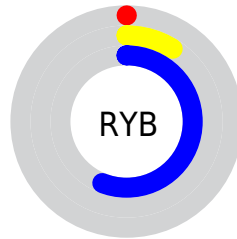
The Android color **4278197390** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287525376**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4283779525**, and **4278190170** is the 20% darker color. If you saturate the color by 10%, you get **4278197390**, and if you desaturate by 10%, it is **4279117710**.

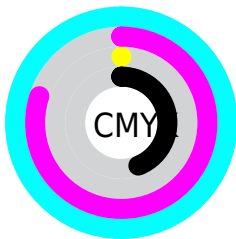
# Distribution



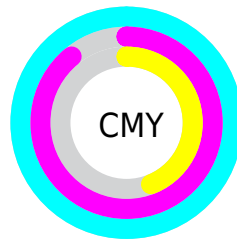
- Red (0%)
- Green (11%)
- Blue (56%)



- Red (0%)
- Yellow (9%)
- Blue (56%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (89%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278197390 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 4278197390 by changing the saturation by 10% instead.



 4278197390

 4278197390

4294967295

 4278191988

 4283779525

 4278190170

 4285752033


 4278191938

 4287659007

 4278190891

 4289566207

 4278190357

 4291539199

 4278190080

 4293446655

 4294961407

 4278197390

■ 4279117710

■ 4280038286

■ 4281024142

■ 4281944718

■ 4282865038

■ 4283785358

■ 4284705934

■ 4285691790

■ 4286612366

# Harmonies

## Analogous

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



4278204576



4278197390



4285268067

# Triad

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



4278197390



4284485120



4278206513

# Complementary

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



4278197390



4287525376

# 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.



4278205952



4278197390



4281806336

# Square

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



4278197390



4286316544



4278204928



4278206824

# Rectangle

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



4278197390



4286578752



4278204928



4278206494



# Sweetspot

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



4278197390



4286679992



4278226546



4282073436



4292598747



4284243036



# Same Dimension

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



4278197390



4278199480



4281008270



4282401351



4278197127



4278190600



# Inverse Universe

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



4287496220



4290248740



4284714496



4282859586



4287037467

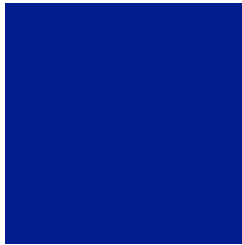


4278714370



# Previews

## White Background



This preview shows how the Android color 4278197390 looks on a white background.

## Color Contrast Check

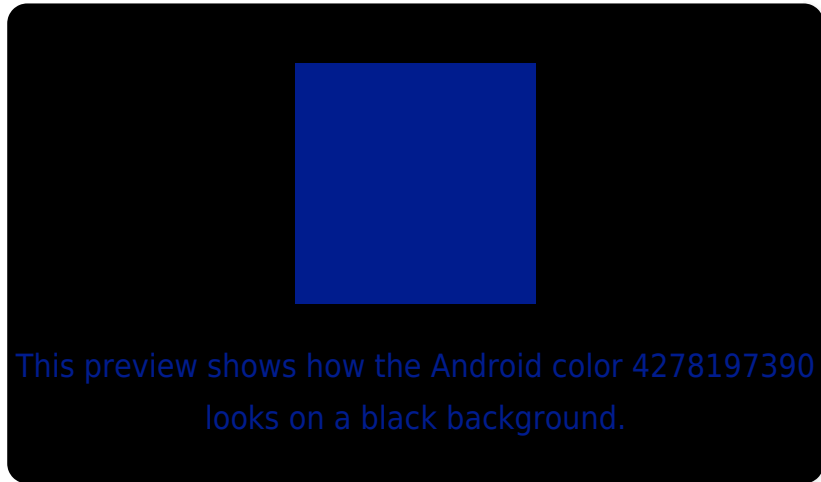
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278197390 Background



This preview shows how black text looks on a background with the Android color 4278197390.



This preview shows how white text looks on a background with the Android color 4278197390.

# 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**

4278197390

**Protanopia**

4278201953

**Deuteranopia**

4278202707



# Trichromacy



**Original Color**  
4278197390

**Protanomaly**  
4278200177

**Deuteranomaly**  
4278200680

**Tritanomaly**  
4278201431

# Monochromacy



**Original Color**  
4278197390

**Achromatopsia**  
4280361249

**Achromatomaly**  
4279574345

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278197390 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, 28, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 142)  
}
```

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, 28, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 142) }
```

## Border

The CSS property to change the border of an element to Android 4278197390 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, 28, 142) }
```

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

```
.border{ border-color:rgb(0, 28, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 142)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278197390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 142) }
```

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

```
.background{ background-color: rgb(0, 28,  
142) }
```

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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