

# Converting Colors

Android(4278190452)

Have a look what the booklet for  
Android(4278190452) contains.

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# Color

**Android(4278190452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000174
RGB	0, 1, 116
RGB Percent	0%, 0%, 45%
CMY	1.0000, 0.9961, 0.5451
CMYK	1.00, 0.99, 0.00, 0.55
HSL	239°, 100%, 23%
HSV	239°, 100%, 45%
XYZ	3.1632, 1.2827, 16.6039
YIQ	13.8110, -37.5110, 35.5530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 1, 116
Decimal	372
CIELab	11.15, 43.79, -60.03
CIELCh	11, 74.307, 306.107
Yxy	1.2827, 0.1503, 0.0609
Android (android.graphics.Color)	4278190452 (0xFF000174)
YUV	13.8110, 50.3792, -12.1122
Hunter-Lab	11.3255, 30.0361, -78.9951

# Details

The Android color **4278190452** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285821696**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4283314601**, and **4278190914** is the 20% darker color. If you saturate the color by 10%, you get **4278190452**, and if you desaturate by 10%, it is **4278979956**.

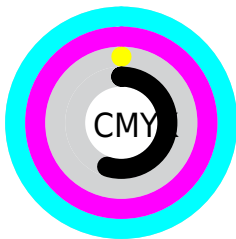
# Distribution



- Red (0%)
- Green (0%)
- Blue (45%)



- Red (0%)
- Yellow (0%)
- Blue (45%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278190452 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 4278190452 by changing the saturation by 10% instead.



 4278190452

 4278190452

 4294961663

 4278190171

 4283314601

 4278190914

 4285221317

 4278190891

 4287128290

 4278190357

 4288969983

 4278190080

 4290877183

 4292850175

 4294823423

 4278190452

■ 4278979956

■ 4279703668

■ 4280493172

■ 4281216884

■ 4282006388

■ 4282795636

■ 4283519604

■ 4284308852

■ 4285032820

# Harmonies

## Analogous

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



4278199945



4278190452



4284153928

# Triad

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



4278190452



4282712576



4278201384

# Complementary

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



4278190452



4285821696

# 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.



4278201088



4278190452



4280098816

# Square

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



4278190452



4284481536



4278200832



4278202203

# Rectangle

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



4278190452



4285136935



4278200832



4278201110



# Sweetspot

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



4278190452



4285098646



4278219890



4281413965



4291611852



4283256141



# Same Dimension

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



4278190452



4278190486



4281860212



4281677115



4278190458



4278190842



# Inverse Universe

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



4285792257



4288020481



4282151936



4282070325



4286185473

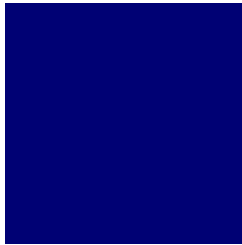


4294574082



# Previews

## White Background



This preview shows how the Android color 4278190452 looks on a white background.

## Color Contrast Check

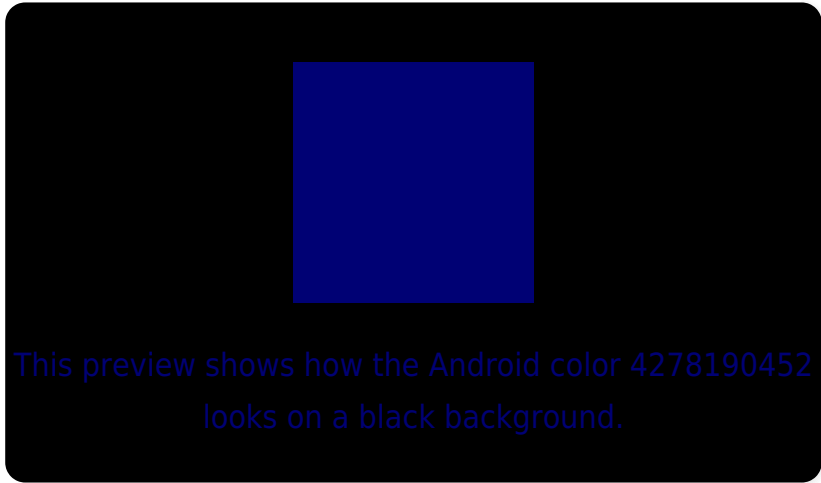
Large Text (above 18pt) WCAG AA ✓ Pass

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

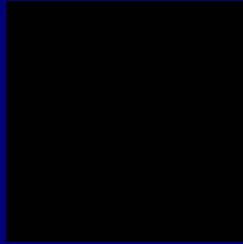
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278190452 Background



This preview shows how black text looks on a background with the Android color 4278190452.



This preview shows how white text looks on a background with the Android color 4278190452.

# 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**

4278190452

**Protanopia**

4278198855

**Deuteranopia**

4278199356



# Trichromacy



**Original Color**  
4278190452

**Protanomaly**  
4278195799

**Deuteranomaly**  
4278196048

**Tritanomaly**  
4278196548

# Monochromacy



**Original Color**  
4278190452

**Achromatopsia**  
4279111182

**Achromatomaly**  
4278782259

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278190452 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, 1, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 1, 116)  
}
```

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, 1, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 1, 116) }
```

## Border

The CSS property to change the border of an element to Android 4278190452 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, 1, 116) }
```

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

```
.border{ border-color:rgb(0, 1, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 1, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 1, 116); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 1, 116); box-shadow:4px  
4px 4px 4px rgb(0, 1, 116) }
```

# Background

The CSS property to change the background color of an element to Android 4278190452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 1, 116) }
```

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

```
.background{ background-color: rgb(0, 1,  
116) }
```

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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