

# Converting Colors

Android(4278982542)

Have a look what the booklet for  
Android(4278982542) contains.

<b>Android(4278982542)</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> .....	29

# Color

**Android(4278982542)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C178E
RGB	12, 23, 142
RGB Percent	5%, 9%, 56%
CMY	0.9529, 0.9098, 0.4431
CMYK	0.92, 0.84, 0.00, 0.44
HSL	235°, 84%, 30%
HSV	235°, 92%, 56%
XYZ	5.3405, 2.6439, 25.8200
YIQ	33.2770, -44.7550, 34.6770

# Conversions

## Conversions Part 2

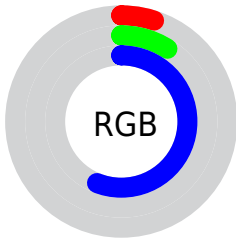
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	12, 22, 142
Decimal	792462
CIE Lab	18.56, 42.55, -64.21
CIE LCh	19, 77.031, 303.532
Yxy	2.6439, 0.1580, 0.0782
Android (android.graphics.Color)	4278982542 (0xFF0C178E)
YUV	33.2770, 53.6004, -18.6599
Hunter-Lab	16.2602, 30.1711, -82.7660

# Details

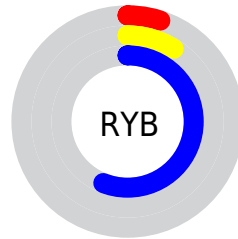
The Android color **4278982542** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4287529740**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4284040645**, and **4278190170** is the 20% darker color. If you saturate the color by 10%, you get **4278193294**, and if you desaturate by 10%, it is **4279903374**.

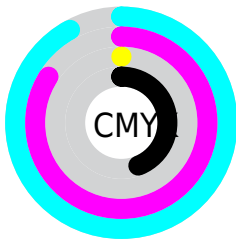
# Distribution



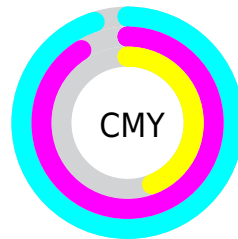
- Red (5%)
- Green (9%)
- Blue (56%)



- Red (5%)
- Yellow (9%)
- Blue (56%)



- Cyan (92%)
- Magenta (84%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (91%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278982542 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 4278982542 by changing the saturation by 10% instead.



 4278982542

 4278982542

4294967295

 4278190708

 4284040645

 4278190170

 4285947361


 4278191938

 4287854591

 4278190891

 4289827327

 4278190357

 4291734783

 4278190080

 4293707775

 4294960127

 4278982542

 4278982542

■ 4278193294

■ 4279903374

■ 4280824206

■ 4281810574

■ 4282731406

■ 4283652238

■ 4284573070

■ 4285493902

■ 4286480270

■ 4287401102

# Harmonies

## Analogous

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



4278204066



4278982542



4285464672

# Triad

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



4278982542



4284354048



4278206259

# Complementary

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



4278982542



4287529740

# 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.



4278205696



4278982542



4281544192

# Square

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



4278982542



4286251008



4278204672



4278206571

# Rectangle

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



4278982542



4286644284



4278204672



4278206239



# Sweetspot

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



4278982542



4287007416



4279012993



4282270044



4292598747



4284243036



# Same Dimension

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



4278982542



4278194360



4282387598



4282401095



4278193031



4278190344



# Inverse Universe

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



4287499287



4290248720



4284124684



4282859585



4287037451

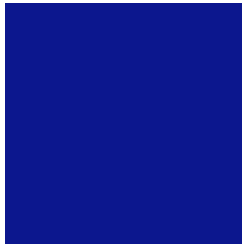


4278714369



# Previews

## White Background



This preview shows how the Android color 4278982542 looks on a white background.

## Color Contrast Check

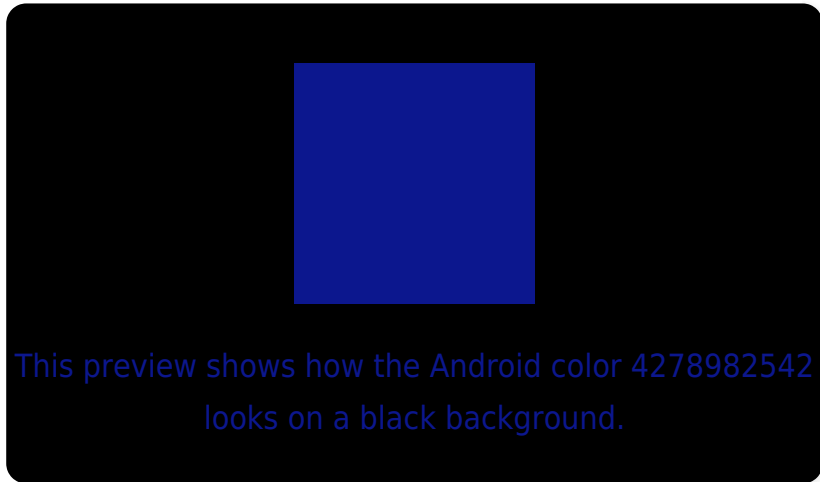
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278982542 Background



This preview shows how black text looks on a background with the Android color 4278982542.



This preview shows how white text looks on a background with the Android color 4278982542.

# 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**

4278982542

**Protanopia**

4278201694

**Deuteranopia**

4278202448



# Trichromacy



**Original Color**  
4278982542

**Protanomaly**  
4278461807

**Deuteranomaly**  
4278462311

**Tritanomaly**  
4278462806

# Monochromacy



**Original Color**  
4278982542

**Achromatopsia**  
4280361249

**Achromatomaly**  
4279835977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278982542 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(12, 23, 142)` looks like.

```
.text, #text, p{  
    color:rgb(12, 23, 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(12, 23, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 23, 142) }
```

## Border

The CSS property to change the border of an element to Android 4278982542 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(12, 23, 142) }
```

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

```
.border{ border-color:rgb(12, 23, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 23, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 23, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 23, 142);  
box-shadow:4px 4px 4px 4px rgb(12, 23,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4278982542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 23, 142) }
```

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

```
.background{ background-color: rgb(12, 23,  
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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