

# Converting Colors

Android(4278193515)

Have a look what the booklet for  
Android(4278193515) contains.

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# Color

**Android(4278193515)**

# Conversions

## Conversions Part 1

Format	Color
Hex	000D6B
RGB	0, 13, 107
RGB Percent	0%, 5%, 42%
CMY	1.0000, 0.9490, 0.5804
CMYK	1.00, 0.88, 0.00, 0.58
HSL	233°, 100%, 21%
HSV	233°, 100%, 42%
XYZ	2.7978, 1.3494, 14.0229
YIQ	19.8290, -37.9220, 26.4780

# Conversions

## Conversions Part 2

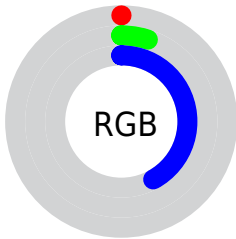
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 12, 107
Decimal	3435
CIELab	11.62, 35.34, -53.39
CIELCh	12, 64.025, 303.507
Yxy	1.3494, 0.1540, 0.0743
Android (android.graphics.Color)	4278193515 (0xFF000D6B)
YUV	19.8290, 42.9753, -17.3900
Hunter-Lab	11.6163, 22.6629, -63.4420

# Details

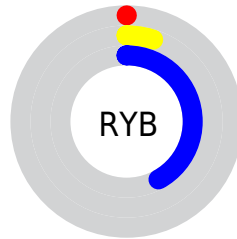
The Android color **4278193515** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285226496**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4283054496**, and **4278191418** is the 20% darker color. If you saturate the color by 10%, you get **4278193515**, and if you desaturate by 10%, it is **4278916715**.

# Distribution



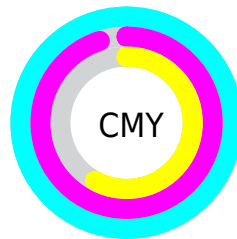
- Red (0%)
- Green (5%)
- Blue (42%)



- Red (0%)
- Yellow (5%)
- Blue (42%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (95%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278193515 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 4278193515 by changing the saturation by 10% instead.



 4278193515

 4278193515

 4294963455

 4278190162

 4283054496

 4278191418

 4284895675

 4278190627

 4286736855

 4278190091

 4288578548

 4278190080

 4290420223

 4292327679

 4294300927

 4278193515

■ 4278916715

■ 4279574635

■ 4280297835

■ 4281021291

■ 4281744491

■ 4282402155

■ 4283125611

■ 4283848811

■ 4284506731

# Harmonies

## Analogous

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



4278199931



4278193515



4283564103

# Triad

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



4278193515



4282647808



4278201635

# Complementary

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



4278193515



4285226496

# 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.



4278201344



4278193515



4280492032

# Square

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



4278193515



4284153856



4278200576



4278202192

# Rectangle

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



4278193515



4284481578



4278200576



4278201363



# Sweetspot

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



4278193515



4284639116



4278217565



4281217351



4291282887



4282861383



# Same Dimension

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



4278193515



4278194572



4280746091



4281348406



4278193781



4278198005



# Inverse Universe

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



4285202445



4287365137



4282673920



4281741361



4285857806

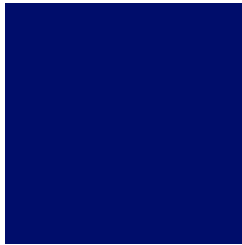


4294246430



# Previews

## White Background



This preview shows how the Android color 4278193515 looks on a white background.

## Color Contrast Check

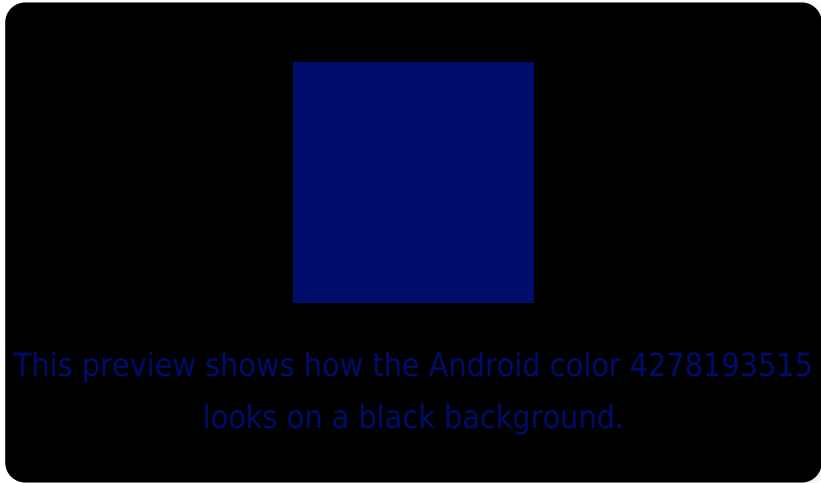
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278193515 Background



This preview shows how black text looks on a background with the Android color 4278193515.



This preview shows how white text looks on a background with the Android color 4278193515.

# 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**

4278193515

**Protanopia**

4278198596

**Deuteranopia**

4278199098



# Trichromacy



**Original Color**  
4278193515

**Protanomaly**  
4278196818

**Deuteranomaly**  
4278197068

**Tritanomaly**  
4278197312

# Monochromacy



**Original Color**  
4278193515

**Achromatopsia**  
4279505940

**Achromatomaly**  
4279046452

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278193515 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, 13, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 107)  
}
```

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, 13, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 107) }
```

## Border

The CSS property to change the border of an element to Android 4278193515 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, 13, 107) }
```

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

```
.border{ border-color:rgb(0, 13, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 107)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278193515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 107) }
```

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

```
.background{ background-color: rgb(0, 13,  
107) }
```

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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