

# Converting Colors

Android(4278386745)

Have a look what the booklet for  
Android(4278386745) contains.

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# Color

**Android(4278386745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	030039
RGB	3, 0, 57
RGB Percent	1%, 0%, 22%
CMY	0.9882, 1.0000, 0.7765
CMYK	0.95, 1.00, 0.00, 0.78
HSL	243°, 100%, 11%
HSV	243°, 100%, 22%
XYZ	0.7761, 0.3148, 3.8907
YIQ	7.3950, -16.5090, 18.3630

# Conversions

## Conversions Part 2

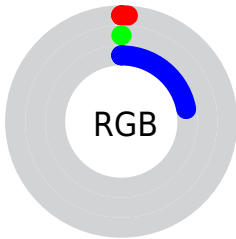
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 0, 57
Decimal	196665
CIE Lab	2.84, 19.54, -33.39
CIE LCh	3, 38.682, 300.333
Yxy	0.3148, 0.1558, 0.0632
Android (android.graphics.Color)	4278386745 (0xFF030039)
YUV	7.3950, 24.4553, -3.8544
Hunter-Lab	5.6104, 14.8732, -37.1896

# Details

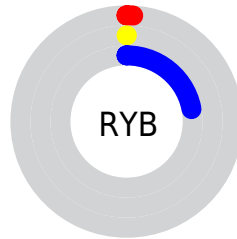
The Android color **4278386745** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281743616**, and the grayscale version is **4278650631**.

A 20% lighter version of the original color is **4281610089**, and **4278190089** is the 20% darker color. If you saturate the color by 10%, you get **4278386745**, and if you desaturate by 10%, it is **4278715961**.

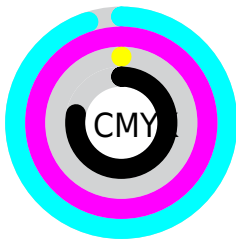
# Distribution



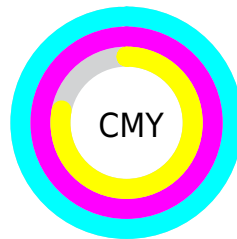
- Red (1%)
- Green (0%)
- Blue (22%)



- Red (1%)
- Yellow (0%)
- Blue (22%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (99%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278386745 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 4278386745 by changing the saturation by 10% instead.





4278386745



4278386745



4293976575



4278190627



4281610089



4278190089



4283254146



4278190080



4284964252



4286674360



4288450515



4290226672



4292068863



4278386745

■ 4278715961

■ 4279110457

■ 4279439673

■ 4279834425

■ 4280163641

■ 4280492601

■ 4280887353

■ 4281216569

■ 4281611065

# Harmonies

## Analogous

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



4278194240



4278386745



4280942630

# Triad

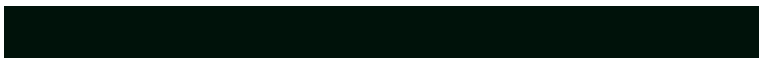
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278386745



4280745984



4278194698

# Complementary

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



4278386745



4281743616

# 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.



4278194688



4278386745



4279175680

# Square

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



4278386745



4281466880



4278194688



4278194982

# Rectangle

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



4278386745



4281532439



4278194688



# Sweetspot

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



4278386745



4281676874



4278203961



4279834662



4289111718



4280690214



# Same Dimension

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



4278386745



4278452298



4280221753



4279834908



4278517852



4278976731



# Inverse Universe

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



4281925686



4283039814



4279908608



4280031516



4284219479



4292542672



# Previews

## White Background



This preview shows how the Android color 4278386745 looks on a white background.

## Color Contrast Check

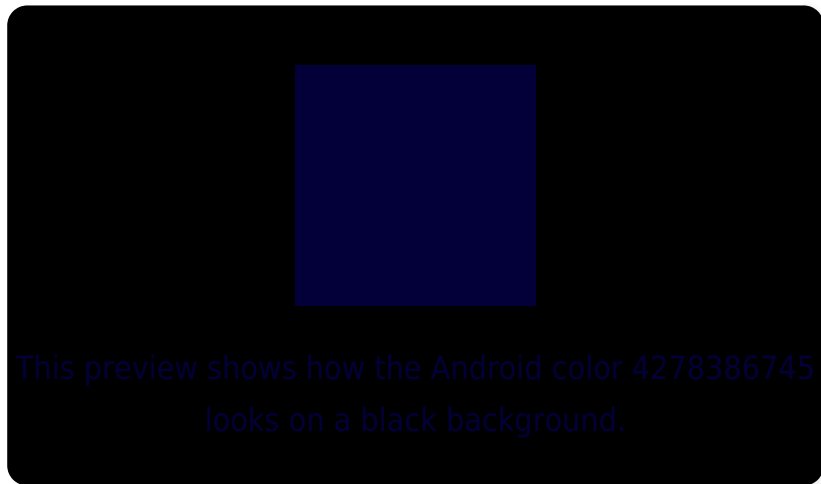
Large Text (above 18pt) WCAG AA ✓ Pass

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

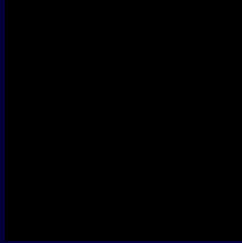
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278386745 Background



This preview shows how black text looks on a background with the Android color 4278386745.



This preview shows how white text looks on a background with the Android color 4278386745.

# 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**


4278386745

**Protanopia**

4278194467

**Deuteranopia**

4278194718



**Tritanopia**  
4278194964

# Trichromacy



**Original Color**

4278386745

**Protanomaly**

4278258475

**Deuteranomaly**

4278258472

**Tritanomaly**

4278258721

# Monochromacy



**Original Color**

4278386745

**Achromatopsia**

4278650631

**Achromatomaly**

4278584345

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278386745 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(3, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(3, 0, 57)  
}
```

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(3, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 0, 57) }
```

## Border

The CSS property to change the border of an element to Android 4278386745 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(3, 0, 57) }
```

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

```
.border{ border-color:rgb(3, 0, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 0, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 0, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 0, 57); box-shadow:4px  
4px 4px 4px rgb(3, 0, 57) }
```

# Background

The CSS property to change the background color of an element to Android 4278386745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 0, 57) }
```

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

```
.background{ background-color: rgb(3, 0,  
57) }
```

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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