

# Converting Colors

Android(4278202405)

Have a look what the booklet for  
Android(4278202405) contains.

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# Color

**Android(4278202405)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003025
RGB	0, 48, 37
RGB Percent	0%, 19%, 15%
CMY	1.0000, 0.8118, 0.8549
CMYK	1.00, 0.00, 0.23, 0.81
HSL	166°, 100%, 9%
HSV	166°, 100%, 19%
XYZ	1.3909, 2.2475, 2.1108
YIQ	32.3940, -25.0770, -13.5970

# Conversions

## Conversions Part 2

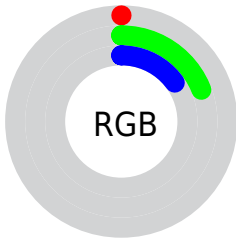
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 27, 48
Decimal	12325
CIELab	16.74, -18.80, 2.71
CIELCh	17, 18.999, 171.786
Yxy	2.2475, 0.2419, 0.3909
Android (android.graphics.Color)	4278202405 (0xFF003025)
YUV	32.3940, 2.2708, -28.4095
Hunter-Lab	14.9916, -9.6745, 2.1463

# Details

The Android color **4278202405** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281335819**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281491282**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202405**, and if you desaturate by 10%, it is **4278530086**.

# Distribution



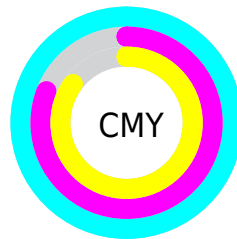
- Red (0%)
- Green (19%)
- Blue (15%)



- Red (0%)
- Yellow (11%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278202405 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 4278202405 by changing the saturation by 10% instead.



 4278202405

 4278202405

 4293656575

 4278197264

 4281491282

 4278190080


 4283135850

 4284780931

 4286426269

 4288202680

 4289979347

 4291821552

 4278202405

■ 4278530086

■ 4278857767

■ 4279119912

■ 4279447593

■ 4279775275

■ 4280102956

■ 4280430637

■ 4280692782

■ 4281020463

# Harmonies

## Analogous

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



4279774744



4278202405



4278202419

# Triad

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



4278202405



4280559426



4282262036

# Complementary

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



4278202405



4281335819

# 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.



4282588960



4278202405



4281737786

# Square

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



4278202405



4278594628



4282457646



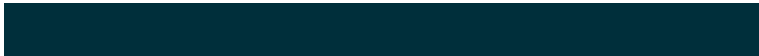
4281673485

# Rectangle

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



4278202405



4278202171



4282457646



4282392856



# Sweetspot

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



4278202405



4281023801



4278923264



4279508764



4288585374



4280229663



# Same Dimension

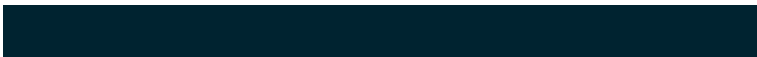
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278202405



4278205743



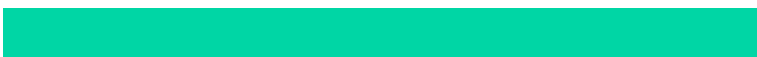
4278199088



4279572246



4278212419



4278245029



# Inverse Universe

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



4281335819



4282187790



4281339136



4279702805



4283891732

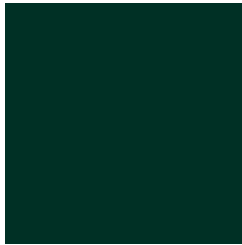


4292214833



# Previews

## White Background



This preview shows how the Android color 4278202405 looks on a white background.

## Color Contrast Check

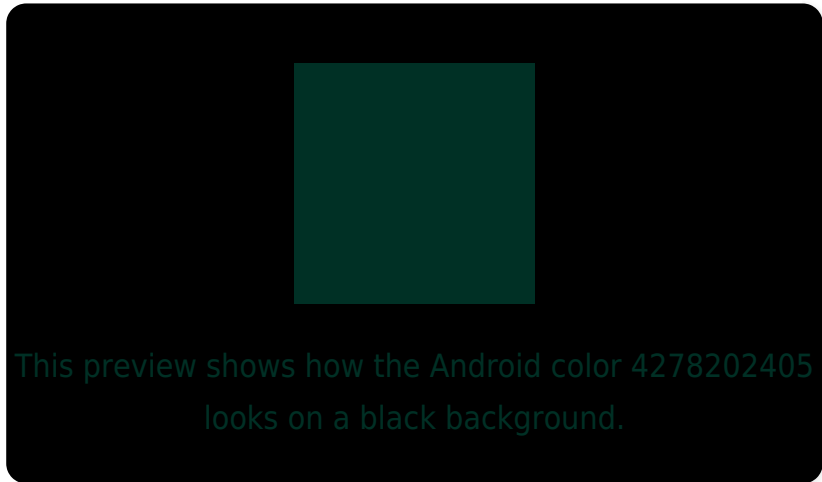
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278202405 Background



This preview shows how black text looks on a background with the Android color 4278202405.



This preview shows how white text looks on a background with the Android color 4278202405.

# 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**

4278202405

**Protanopia**

4281149986

**Deuteranopia**

4281280807



# Trichromacy



**Original Color**

4278202405

**Protanomaly**

4280101923

**Deuteranomaly**

4280167462

**Tritanomaly**

4278857517

# Monochromacy



**Original Color**

4278202405

**Achromatopsia**

4280295456

**Achromatomaly**

4279510562

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278202405 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, 48, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 37)  
}
```

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, 48, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 37) }
```

## Border

The CSS property to change the border of an element to Android 4278202405 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, 48, 37) }
```

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

```
.border{ border-color:rgb(0, 48, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 48, 37); box-shadow:4px  
4px 4px 4px rgb(0, 48, 37) }
```

# Background

The CSS property to change the background color of an element to Android 4278202405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 37) }
```

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

```
.background{ background-color: rgb(0, 48,  
37) }
```

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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