

# Converting Colors

Android(4278404221)

Have a look what the booklet for  
Android(4278404221) contains.

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# Color

**Android(4278404221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03447D
RGB	3, 68, 125
RGB Percent	1%, 27%, 49%
CMY	0.9882, 0.7333, 0.5098
CMYK	0.98, 0.46, 0.00, 0.51
HSL	208°, 95%, 25%
HSV	208°, 98%, 49%
XYZ	5.8063, 5.6343, 20.1835
YIQ	55.0630, -57.0370, 3.9470

# Conversions

## Conversions Part 2

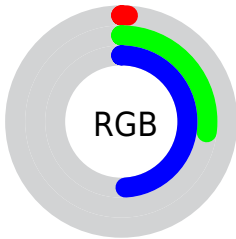
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 45, 125
Decimal	214141
CIE <sub>Lab</sub>	28.47, 5.24, -37.36
CIE <sub>LCh</sub>	28, 37.728, 277.981
Yxy	5.6343, 0.1836, 0.1782
Android (android.graphics.Color)	4278404221 (0xFF03447D)
YUV	55.0630, 34.4789, -45.6593
Hunter-Lab	23.7366, 2.1248, -33.7994

# Details

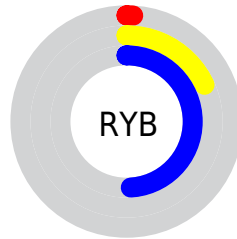
The Android color **4278404221** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286397443**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4283200690**, and **4278196811** is the 20% darker color. If you saturate the color by 10%, you get **4278207357**, and if you desaturate by 10%, it is **4279257725**.

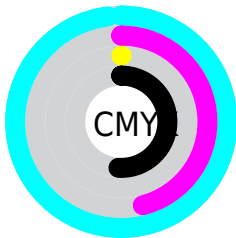
# Distribution



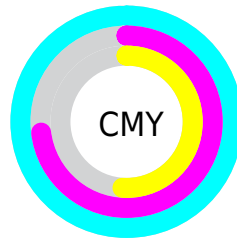
- Red (1%)
- Green (27%)
- Blue (49%)



- Red (1%)
- Yellow (18%)
- Blue (49%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (51%)



- Cyan (99%)
- Magenta (73%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278404221 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 4278404221 by changing the saturation by 10% instead.





4278404221



4278404221

4294967295



4278201956



4283200690



4278196811



4285042126



4278191412



4286883818



4278190622



4288725759



4278190081



4290633471



4278190080



4292541439



4294443007



4278404221



4278404221

■ 4278207357

■ 4279257725

■ 4280045693

■ 4280899197

■ 4281686909

■ 4282540413

■ 4283328381

■ 4284116349

■ 4284969853

■ 4285823357

# Harmonies

## Analogous

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



4278209657



4278404221



4283316337

# Triad

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



4278404221



4285738273



4278210348

# Complementary

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



4278404221



4286397443

# 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.



4281027345



4278404221



4284627465

# Square

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



4278404221



4285998653



4283057152



4278210890

# Rectangle

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



4278404221



4284755810



4283057152



4278537763



# Sweetspot

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



4278404221



4285828515



4278418748



4281680978



4291940817



4283585106



# Same Dimension

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



4278404221



4278212515



4278388605



4281941312



4278207616



4278190080



# Inverse Universe

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



4286382916



4288872535



4286413059



4282399037



4286578756



4278190080



# Previews

## White Background



This preview shows how the Android color 4278404221 looks on a white background.

## Color Contrast Check

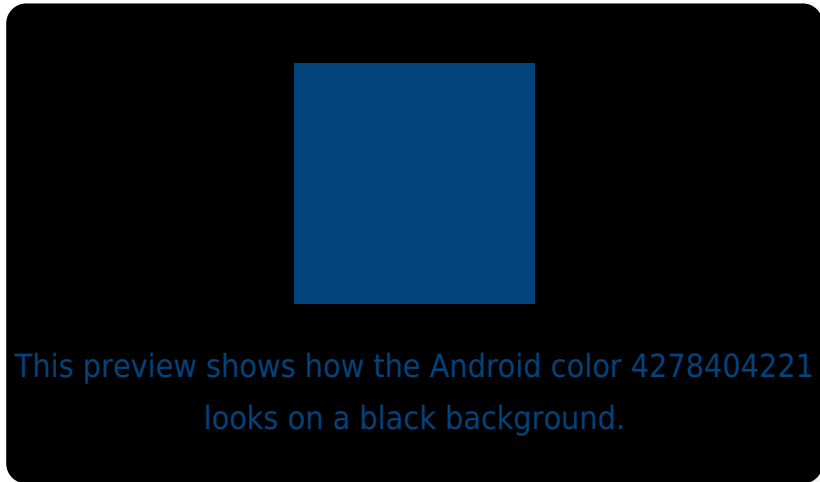
Large Text (above 18pt) WCAG AA ✓ Pass

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

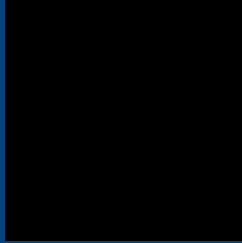
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278404221 Background



This preview shows how black text looks on a background with the Android color 4278404221.



This preview shows how white text looks on a background with the Android color 4278404221.

# 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**

4278404221

**Protanopia**

4280763002

**Deuteranopia**

4278207865



# Trichromacy



**Original Color**

4278404221

**Protanomaly**

4279911291

**Deuteranomaly**

4278273402

**Tritanomaly**

4278274144

# Monochromacy



**Original Color**

4278404221

**Achromatopsia**

4281808695

**Achromatomaly**

4280564816

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278404221 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, 68, 125)` looks like.

```
.text, #text, p{  
    color:rgb(3, 68, 125)  
}
```

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, 68, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 68, 125) }
```

## Border

The CSS property to change the border of an element to Android 4278404221 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, 68, 125) }
```

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

```
.border{ border-color:rgb(3, 68, 125) }
```

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

Here you see how a box with a 4 pixel rgb(3, 68, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 68, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 68, 125);  
box-shadow:4px 4px 4px 4px rgb(3, 68, 125)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278404221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 68, 125) }
```

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

```
.background{ background-color: rgb(3, 68,  
125) }
```

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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