

# Converting Colors

Android(4278207872)

Have a look what the booklet for  
Android(4278207872) contains.

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# Color

**Android(4278207872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004580
RGB	0, 69, 128
RGB Percent	0%, 27%, 50%
CMY	1.0000, 0.7294, 0.4980
CMYK	1.00, 0.46, 0.00, 0.50
HSL	208°, 100%, 25%
HSV	208°, 100%, 50%
XYZ	6.0244, 5.8148, 21.2269
YIQ	55.0950, -60.0630, 3.7210

# Conversions

## Conversions Part 2

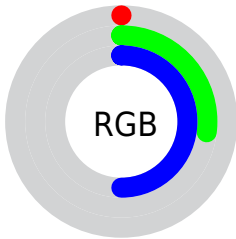
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 45, 128
Decimal	17792
CIE Lab	28.94, 5.65, -38.49
CIE LCh	29, 38.897, 278.349
Yxy	5.8148, 0.1822, 0.1759
Android (android.graphics.Color)	4278207872 (0xFF004580)
YUV	55.0950, 35.9422, -48.3183
Hunter-Lab	24.1138, 2.3959, -35.3122

# Details

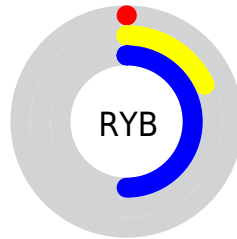
The Android color **4278207872** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286593792**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4283200949**, and **4278197070** is the 20% darker color. If you saturate the color by 10%, you get **4278207872**, and if you desaturate by 10%, it is **4279061376**.

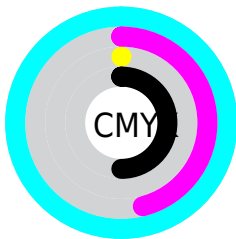
# Distribution



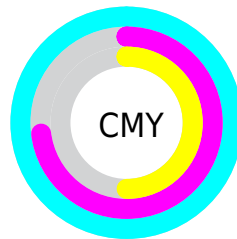
- Red (0%)
- Green (27%)
- Blue (50%)



- Red (0%)
- Yellow (18%)
- Blue (50%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278207872 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 4278207872 by changing the saturation by 10% instead.



 4278207872

 4278207872

4294967295

 4278202215

 4283200949

 4278197070

 4285107921

 4278191159

 4286949614

 4278190625

 4288791807

 4278190085

 4290699263

 4278190080

 4292607231

 4294508543

 4278207872

■ 4279061376

■ 4279914880

■ 4280702848

■ 4281556352

■ 4282409856

■ 4283263104

■ 4284116608

■ 4284904576

■ 4285758080

# Harmonies

## Analogous

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



4278209916



4278207872



4283447412

# Triad

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



4278207872



4285869600



4278210861

# Complementary

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



4278207872



4286593792

# 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.



4281027856



4278207872



4284758791

# Square

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



4278207872



4286195261



4283123200



4278211148

# Rectangle

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



4278207872



4284952420



4283123200



4278210595



# Sweetspot

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



4278207872



4285829030



4278222906



4281747028



4292138196



4283716692



# Same Dimension

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



4278207872



4278213030



4278191744



4281941312



4278190080

# Inverse Universe

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



4286578757



4289069145



4286609920



4282399037



4278190080

# Previews

## White Background



This preview shows how the Android color 4278207872 looks on a white background.

## Color Contrast Check

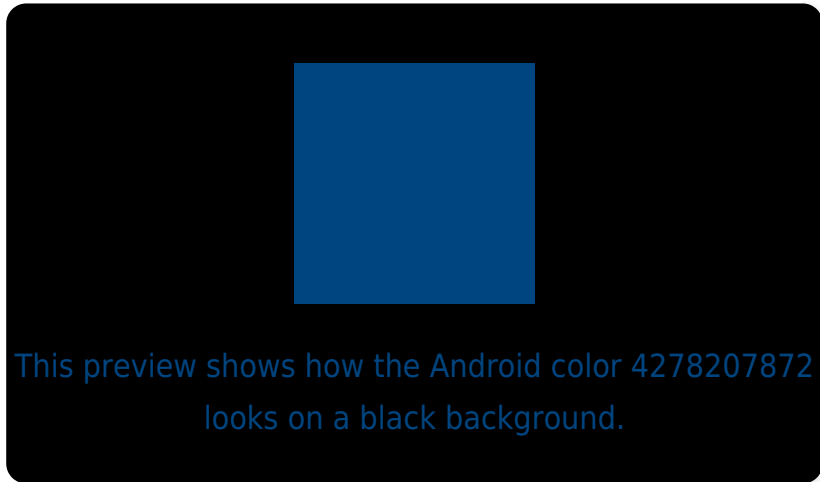
Large Text (above 18pt) WCAG AA ✓ Pass

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

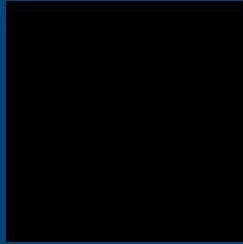
Any Text WCAG AA × Fail

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 4278207872 Background



This preview shows how black text looks on a background with the Android color 4278207872.



This preview shows how white text looks on a background with the Android color 4278207872.

# 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**

4278207872

**Protanopia**

4280763262

**Deuteranopia**

4278208123





# Trichromacy



**Original Color**  
4278207872

**Protanomaly**  
4279846015

**Deuteranomaly**  
4278208125

**Tritanomaly**  
4278208866

# Monochromacy



**Original Color**  
4278207872

**Achromatopsia**  
4281808695

**Achromatomaly**  
4280499282

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278207872 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, 69, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 128)  
}
```

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, 69, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 128) }
```

## Border

The CSS property to change the border of an element to Android 4278207872 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, 69, 128) }
```

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

```
.border{ border-color:rgb(0, 69, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 69, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 128)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278207872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 128) }
```

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

```
.background{ background-color: rgb(0, 69,  
128) }
```

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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