

# Converting Colors

Android(4278200708)

Have a look what the booklet for  
Android(4278200708) contains.

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# Color

**Android(4278200708)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002984
RGB	0, 41, 132
RGB Percent	0%, 16%, 52%
CMY	1.0000, 0.8392, 0.4824
CMYK	1.00, 0.69, 0.00, 0.48
HSL	221°, 100%, 26%
HSV	221°, 100%, 52%
XYZ	4.9578, 3.2518, 22.1962
YIQ	39.1150, -53.6470, 19.6090

# Conversions

## Conversions Part 2

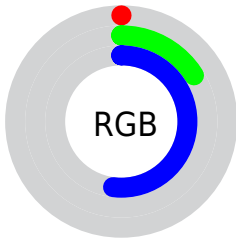
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 31, 132
Decimal	10628
CIELab	21.03, 27.23, -53.87
CIELCh	21, 60.359, 296.812
Yxy	3.2518, 0.1631, 0.1069
Android (android.graphics.Color)	4278200708 (0xFF002984)
YUV	39.1150, 45.7923, -34.3039
Hunter-Lab	18.0328, 17.5180, -60.3557

# Details

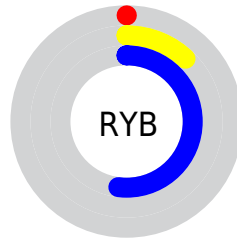
The Android color **4278200708** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286864128**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4283455162**, and **4278190161** is the 20% darker color. If you saturate the color by 10%, you get **4278200708**, and if you desaturate by 10%, it is **4279054980**.

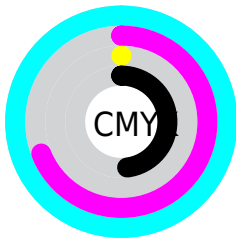
# Distribution



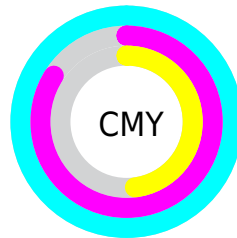
- Red (0%)
- Green (16%)
- Blue (52%)



- Red (0%)
- Yellow (12%)
- Blue (52%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (84%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200708 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 4278200708 by changing the saturation by 10% instead.



 4278200708

 4278200708

4294967295

 4278195562

 4283455162

 4278190161

 4285361878


 4278191417

 4287203571

 4278190627

 4289110783

 4278190090

 4291018239

 4278190080

 4292925951

 4294899199

 4278200708

■ 4279054980

■ 4279909252

■ 4280829060

■ 4281683332

■ 4282537860

■ 4283392132

■ 4284246404

■ 4285166212

■ 4286020484

# Harmonies

## Analogous

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



4278205326



4278200708



4284481636

# Triad

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



4278200708



4284749568



4278207020

# Complementary

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



4278200708



4286864128

# 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.



4278206464



4278200708



4282593280

# Square

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



4278200708



4286054413



4279515904



4278207322

# Rectangle

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



4278200708



4285792328



4279515904



4278207004



# Sweetspot

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



4278200708



4286089387



4278223962



4281811287



4292269782



4283914071



# Same Dimension

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



4278200708



4278203819



4279763076



4282138178



4278200450



4278190339



# Inverse Universe

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



4286840873



4289396789



4285301760



4282530878



4286709800



4278386689



# Previews

## White Background



This preview shows how the Android color 4278200708 looks on a white background.

## Color Contrast Check

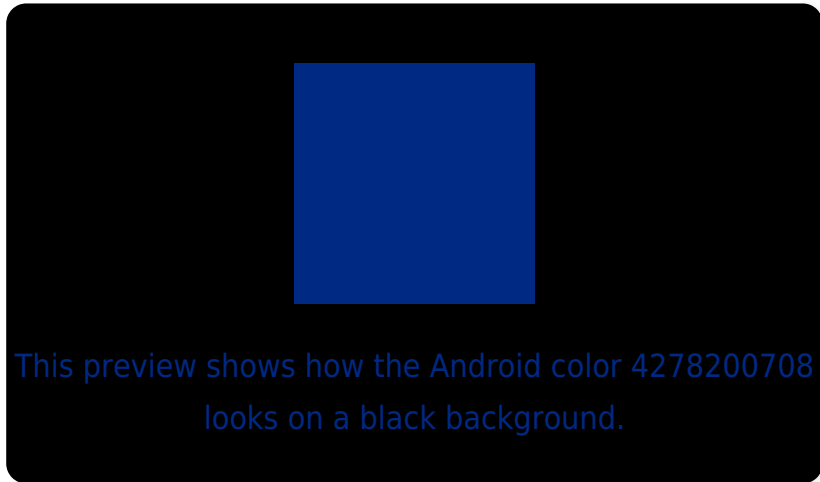
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200708 Background



This preview shows how black text looks on a background with the Android color 4278200708.



This preview shows how white text looks on a background with the Android color 4278200708.

# 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**

4278200708

**Protanopia**

4278202985

**Deuteranopia**

4278203737



# Trichromacy



**Original Color**  
4278200708

**Protanomaly**  
4278202227

**Deuteranomaly**  
4278202729

**Tritanomaly**  
4278203222

# Monochromacy



**Original Color**  
4278200708

**Achromatopsia**  
4280756007

**Achromatomaly**  
4279838793

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200708 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, 41, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 132)  
}
```

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, 41, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 132) }
```

## Border

The CSS property to change the border of an element to Android 4278200708 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, 41, 132) }
```

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

```
.border{ border-color:rgb(0, 41, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 132)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278200708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 132) }
```

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

```
.background{ background-color: rgb(0, 41,  
132) }
```

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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