

# Converting Colors

Android(4278201160)

Have a look what the booklet for  
Android(4278201160) contains.

<b>Android(4278201160)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278201160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002B48
RGB	0, 43, 72
RGB Percent	0%, 17%, 28%
CMY	1.0000, 0.8314, 0.7176
CMYK	1.00, 0.40, 0.00, 0.72
HSL	204°, 100%, 14%
HSV	204°, 100%, 28%
XYZ	2.0336, 2.1956, 6.4475
YIQ	33.4490, -34.9370, -0.0970

# Conversions

## Conversions Part 2

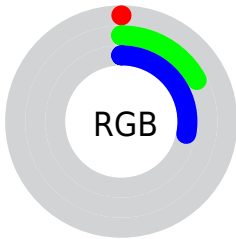
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 27, 72
Decimal	11080
CIELab	16.48, -1.20, -21.95
CIELCh	16, 21.984, 266.865
Yxy	2.1956, 0.1905, 0.2056
Android (android.graphics.Color)	4278201160 (0xFF002B48)
YUV	33.4490, 19.0056, -29.3348
Hunter-Lab	14.8177, -1.4336, -15.4261

# Details

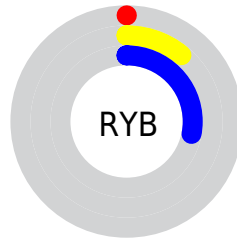
The Android color **4278201160** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282916096**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4282013817**, and **4278190620** is the 20% darker color. If you saturate the color by 10%, you get **4278201160**, and if you desaturate by 10%, it is **4278660680**.

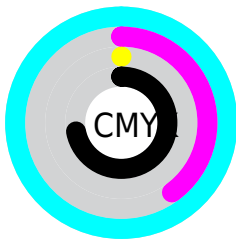
# Distribution



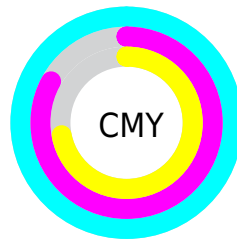
- Red (0%)
- Green (17%)
- Blue (28%)



- Red (0%)
- Yellow (11%)
- Blue (28%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (83%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278201160 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 4278201160 by changing the saturation by 10% instead.



 4278201160

 4278201160

 4294443007

 4278196017

 4282013817

 4278190620

 4283658387

 4278190080

 4285369005

 4287079625

 4288856037

 4290698239

 4292540415

 4278201160

■ 4278660680

■ 4279120200

■ 4279645256

■ 4280104776

■ 4280564296

■ 4281023560

■ 4281483080

■ 4282008136

■ 4282467656

# Harmonies

## Analogous

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



4278202179



4278201160



4280755525

# Triad

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



4278201160



4282719260



4279185175

# Complementary

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



4278201160



4282916096

# 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.



4280560650



4278201160



4282327310

# Square

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



4278201160



4282653483



4281542405



4278202407

# Rectangle

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



4278201160



4281671998



4281542405



4279709202



# Sweetspot

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



4278201160



4282536798



4278208541



4280232240



4289769648



4281348144



# Same Dimension

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



4278201160



4278204510



4278191944



4280295972



4278205283



4278225123



# Inverse Universe

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



4282908715



4284350520



4282925312



4280557602



4284678203



4293066888



# Previews

## White Background



This preview shows how the Android color 4278201160 looks on a white background.

## Color Contrast Check

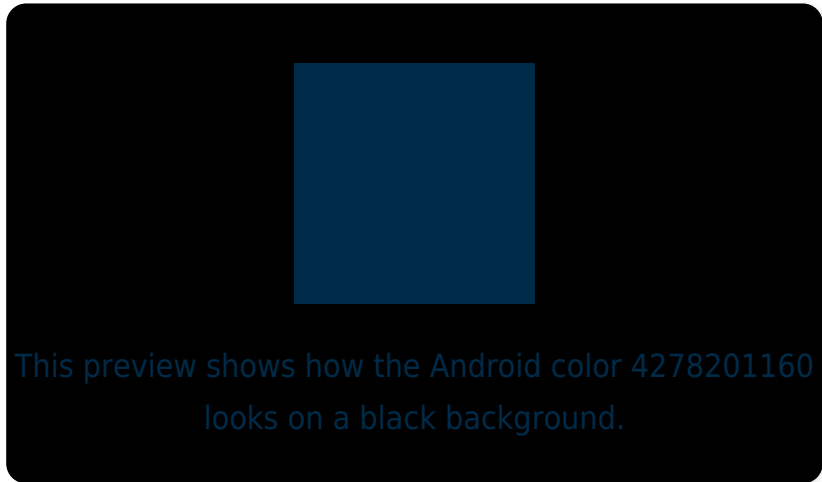
Large Text (above 18pt) WCAG AA ✓ Pass

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

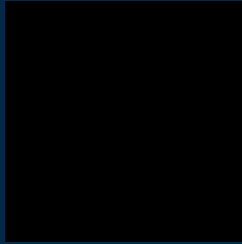
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278201160 Background



This preview shows how black text looks on a background with the Android color 4278201160.



This preview shows how white text looks on a background with the Android color 4278201160.

# 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**  
4278201160

**Protanopia**  
4280101190

**Deuteranopia**  
4279315016



# Trichromacy



**Original Color**

4278201160

**Protanomaly**

4279380551

**Deuteranomaly**

4278921800

**Tritanomaly**

4278201657

# Monochromacy



**Original Color**

4278201160

**Achromatopsia**

4280361249

**Achromatomaly**

4279575855

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278201160 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, 43, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 72)  
}
```

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, 43, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 72) }
```

## Border

The CSS property to change the border of an element to Android 4278201160 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, 43, 72) }
```

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

```
.border{ border-color:rgb(0, 43, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 43, 72); box-shadow:4px  
4px 4px 4px rgb(0, 43, 72) }
```

# Background

The CSS property to change the background color of an element to Android 4278201160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 72) }
```

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

```
.background{ background-color: rgb(0, 43,  
72) }
```

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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