

# Converting Colors

Android(4280895872)

Have a look what the booklet for  
Android(4280895872) contains.

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# Color

**Android(4280895872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	294980
RGB	41, 73, 128
RGB Percent	16%, 29%, 50%
CMY	0.8392, 0.7137, 0.4980
CMYK	0.68, 0.43, 0.00, 0.50
HSL	218°, 51%, 33%
HSV	218°, 68%, 50%
XYZ	7.1933, 6.7950, 21.3545
YIQ	69.7020, -36.7270, 10.3210

# Conversions

## Conversions Part 2

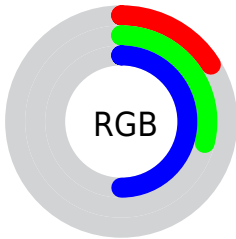
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 64, 128
Decimal	2705792
CIE Lab	31.34, 7.46, -34.59
CIE LCh	31, 35.383, 282.174
Yxy	6.7950, 0.2035, 0.1923
Android (android.graphics.Color)	4280895872 (0xFF294980)
YUV	69.7020, 28.7409, -25.1717
Hunter-Lab	26.0673, 3.6395, -30.3238




# Details

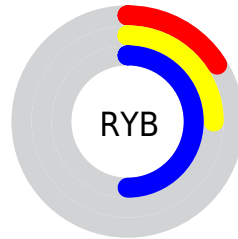
The Android color **4280895872** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286603305**, and the grayscale version is **4282729797**.




A 20% lighter version of the original color is **4284512693**, and **4278197838** is the 20% darker color. If you saturate the color by 10%, you get **4280041856**, and if you desaturate by 10%, it is **4281749888**.

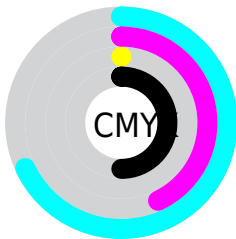
# Distribution







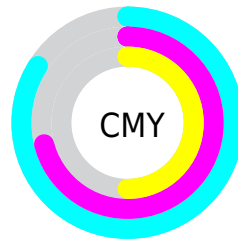
-  Red (16%)
-  Green (29%)
-  Blue (50%)






-  Red (16%)
-  Yellow (25%)
-  Blue (50%)



-  Cyan (68%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280895872 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 4280895872 by changing the saturation by 10% instead.





4280895872



4280895872

4294967295



4278334311



4284512693



4278197838



4286288849



4278191159



4288130541



4278190625



4289907199



4278190086



4291814911



4278190080



4293722111



4280895872



4280895872



4280041856



4281749888

■ 4279187840

■ 4282603904

■ 4278399360

■ 4283392384

■ 4278202240

■ 4284246400

■ 4285100416

■ 4285954688

■ 4286808704

■ 4287597184

■ 4288451200

# Harmonies

## Analogous

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



4278210942



4280895872



4284104307

# Triad

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



4280895872



4286002982



4278212152

# Complementary

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



4280895872



4286603305

# 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.



4281291294



4280895872



4284891666

# Square

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



4280895872



4286328896



4283321358



4278212437

# Rectangle

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



4280895872



4285347428



4283321358



4278998319



# Sweetspot

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



4280895872



4286943654



4280909919



4282402644



4292138196



4283716692



# Same Dimension

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



4280895872



4280176806



4281543040



4281941056



4278202240



4278190080



# Inverse Universe

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



4286589257



4289076816



4285956137



4282399036



4286578735



4278190080



# Previews

## White Background



This preview shows how the Android color 4280895872 looks on a white background.

## Color Contrast Check

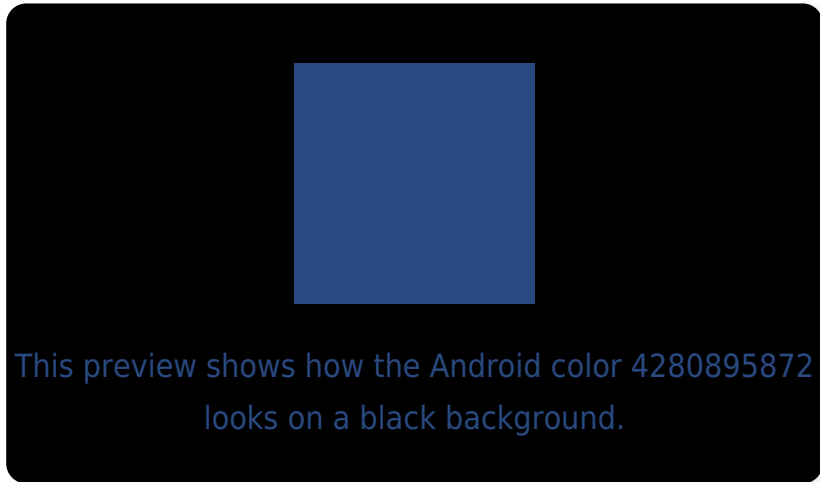
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280895872 Background



This preview shows how black text looks on a background with the Android color 4280895872.



This preview shows how white text looks on a background with the Android color 4280895872.

# 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**  
4280895872

**Protanopia**  
4281419903

**Deuteranopia**  
4280175232



# Trichromacy



**Original Color**

4280895872

**Protanomaly**

4281223295

**Deuteranomaly**

4280437376

**Tritanomaly**

4279324519

# Monochromacy



**Original Color**

4280895872

**Achromatopsia**

4282795590

**Achromatomaly**

4282074971

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280895872 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(41, 73, 128)` looks like.

```
.text, #text, p{  
    color:rgb(41, 73, 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(41, 73, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 73, 128) }
```

## Border

The CSS property to change the border of an element to Android 4280895872 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(41, 73, 128) }
```

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

```
.border{ border-color:rgb(41, 73, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 73, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 73, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 73, 128);  
box-shadow:4px 4px 4px 4px rgb(41, 73,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4280895872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 73, 128) }
```

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

```
.background{ background-color: rgb(41, 73,  
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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