

# Converting Colors

Android(4280287344)

Have a look what the booklet for  
Android(4280287344) contains.

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**Color**

**Android(4280287344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	200070
RGB	32, 0, 112
RGB Percent	13%, 0%, 44%
CMY	0.8745, 1.0000, 0.5608
CMYK	0.71, 1.00, 0.00, 0.56
HSL	257°, 100%, 22%
HSV	257°, 100%, 44%
XYZ	3.5203, 1.4769, 15.4288
YIQ	22.3360, -16.8800, 41.6160

# Conversions

## Conversions Part 2

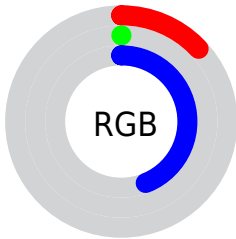
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 0, 112
Decimal	2097264
CIELab	12.46, 43.99, -55.20
CIELCh	12, 70.585, 308.554
Yxy	1.4769, 0.1723, 0.0723
Android (android.graphics.Color)	4280287344 (0xFF200070)
YUV	22.3360, 44.2044, 8.4753
Hunter-Lab	12.1529, 30.4380, -66.7649

# Details

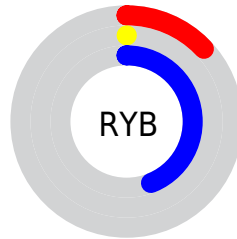
The Android color `4280287344` is a dark color, and the websafe version is hex `000066`. A complement of this color would be `4283461632`, and the grayscale version is `4279637526`.

A 20% lighter version of the original color is `4284167077`, and `4278190143` is the 20% darker color. If you saturate the color by 10%, you get `4280287344`, and if you desaturate by 10%, it is `4280814448`.

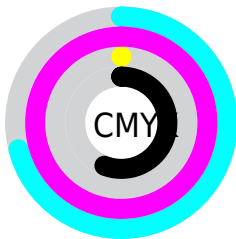
# Distribution



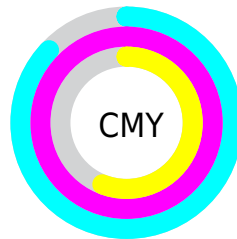
- Red (13%)
- Green (0%)
- Blue (44%)



- Red (13%)
- Yellow (0%)
- Blue (44%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280287344 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 4280287344 by changing the saturation by 10% instead.



 4280287344

 4280287344

 4294962431

 4278190167

 4284167077

 4278190143

 4286008257

 4278190888

 4287849693

 4278190353

 4289691386

 4278190080

 4291598591

 4293571839

 4294955263

 4280287344

■ 4280814448

■ 4281341552

■ 4281868912

■ 4282396016

■ 4282923120

■ 4283450224

■ 4283977328

■ 4284504688

■ 4285031792

# Harmonies

## Analogous

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



4278199942



4280287344



4284416069

# Triad

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



4280287344



4282649600



4278202158

# Complementary

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



4280287344



4283461632

# 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.



4278201856



4280287344



4280099840

# Square

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



4280287344



4284481536



4278201344



4278202974

# Rectangle

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



4280287344



4285202470



4278201344



4278202141



# Sweetspot

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



4280287344



4285687441



4278210672



4281806666



4291414473



4283058762



# Same Dimension

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



4280287344



4280942737



4283957360



4281610808



4280418424



4282843383



# Inverse Universe

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



4285530192



4287692904



4279791616



4281872950



4286054486

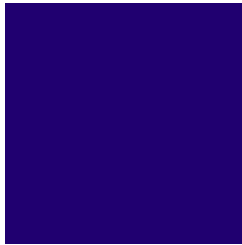


4294377649



# Previews

## White Background



This preview shows how the Android color 4280287344 looks on a white background.

## Color Contrast Check

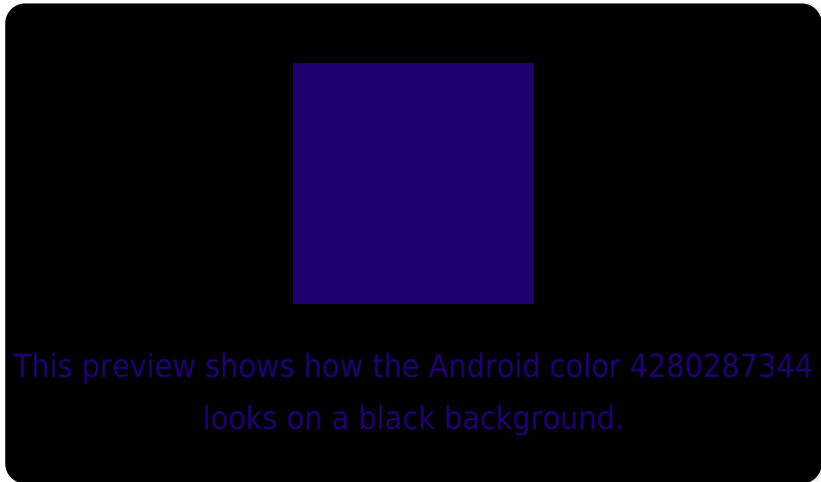
Large Text (above 18pt) WCAG AA ✓ Pass

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

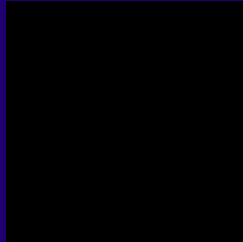
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280287344 Background



This preview shows how black text looks on a background with the Android color 4280287344.



This preview shows how white text looks on a background with the Android color 4280287344.

# 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**  
4280287344

**Deuteranopia**  
4278199871

**Tritanopia**  
4278200619

# Trichromacy



**Original Color**

4280287344

**Deuteranomaly**

4278982737

**Tritanomaly**

4278983236

# Monochromacy



**Original Color**

4280287344

**Achromatopsia**

4279637526

**Achromatomaly**

4279897655

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280287344 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(32, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(32, 0, 112)  
}
```

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(32, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 0, 112) }
```

## Border

The CSS property to change the border of an element to Android 4280287344 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(32, 0, 112) }
```

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

```
.border{ border-color:rgb(32, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(32, 0, 112)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280287344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 0, 112) }
```

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

```
.background{ background-color: rgb(32, 0,  
112) }
```

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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