

# Converting Colors

Android(4280288400)

Have a look what the booklet for  
Android(4280288400) contains.

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# Color

**Android(4280288400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	200490
RGB	32, 4, 144
RGB Percent	13%, 2%, 56%
CMY	0.8745, 0.9843, 0.4353
CMYK	0.78, 0.97, 0.00, 0.44
HSL	252°, 95%, 29%
HSV	252°, 97%, 56%
XYZ	5.6731, 2.4075, 26.5512
YIQ	28.3320, -28.2520, 49.4760

# Conversions

## Conversions Part 2

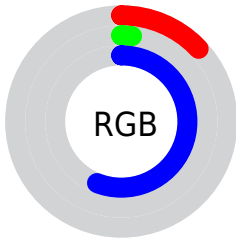
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 4, 144
Decimal	2098320
CIE Lab	17.50, 51.03, -67.20
CIE LCh	17, 84.378, 307.211
Yxy	2.4075, 0.1638, 0.0695
Android (android.graphics.Color)	4280288400 (0xFF200490)
YUV	28.3320, 57.0243, 3.2168
Hunter-Lab	15.5162, 38.1108, -90.5954

# Details

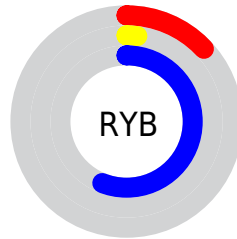
The Android color `4280288400` is a dark color, and the websafe version is hex `330099`. A complement of this color would be `4285829124`, and the grayscale version is `4280032284`.

A 20% lighter version of the original color is `4284693191`, and `4278190172` is the 20% darker color. If you saturate the color by 10%, you get `4280090768`, and if you desaturate by 10%, it is `4281078416`.

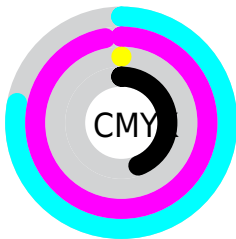
# Distribution



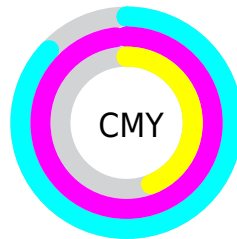
- Red (13%)
- Green (2%)
- Blue (56%)



- Red (13%)
- Yellow (2%)
- Blue (56%)



- Cyan (78%)
- Magenta (97%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (98%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280288400 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 4280288400 by changing the saturation by 10% instead.



 4280288400

 4280288400

 4294964991

 4278190198

 4284693191

 4278190172

 4286600164

 4278191939

 4288572927

 4278190892

 4290480127

 4278190358

 4292453119

 4278190080

 4294426111

 4294957823

 4280288400

 4280288400

■ 4280090768

■ 4281078416

■ 4281803152

■ 4282593168

■ 4283317904

■ 4284107920

■ 4284832400

■ 4285622672

■ 4286347152

■ 4287137424

# Harmonies

## Analogous

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



4278203562



4280288400



4285988956

# Triad

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



4280288400



4284026368



4278205753

# Complementary

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



4280288400



4285829124

# 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.



4278205440



4280288400



4280888832

# Square

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



4280288400



4286251008



4278204416



4278206582

# Rectangle

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



4280288400



4287037492



4278204416



4278205732



# Sweetspot

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



4280288400



4287595706



4278482064



4282662238



4292796126



4284374622



# Same Dimension

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



4280288400



4280615098



4284875920



4282531911



4279959687



4278321160



# Inverse Universe

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



4287628404



4290379925



4281241604



4282859590



4287037548

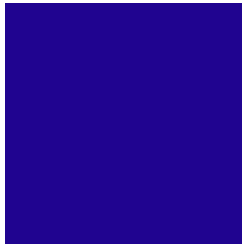


4278714374



# Previews

## White Background



This preview shows how the Android color 4280288400 looks on a white background.

## Color Contrast Check

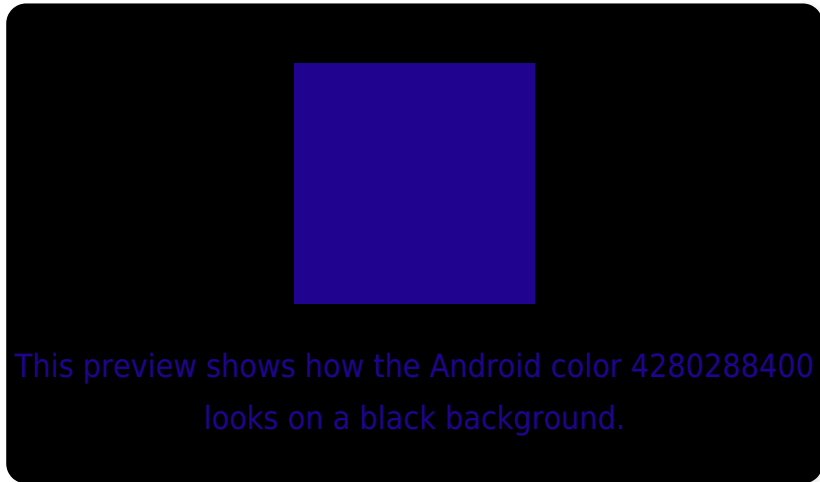
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280288400 Background



This preview shows how black text looks on a background with the Android color 4280288400.



This preview shows how white text looks on a background with the Android color 4280288400.

# 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**  
4280288400

**Protanopia**  
4278201437

**Deuteranopia**  
4278202191



# Trichromacy



**Original Color**  
4280288400

**Protanomaly**  
4278984048

**Deuteranomaly**  
4278984551

**Tritanomaly**  
4278985302

# Monochromacy



**Original Color**  
4280288400

**Achromatopsia**  
4280032284

**Achromatomaly**  
4280095558

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280288400 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, 4, 144)` looks like.

```
.text, #text, p{  
    color:rgb(32, 4, 144)  
}
```

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, 4, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 4, 144) }
```

## Border

The CSS property to change the border of an element to Android 4280288400 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, 4, 144) }
```

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

```
.border{ border-color:rgb(32, 4, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 4, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 4, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 4, 144);  
box-shadow:4px 4px 4px 4px rgb(32, 4, 144)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280288400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 4, 144) }
```

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

```
.background{ background-color: rgb(32, 4,  
144) }
```

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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