

# Converting Colors

Android(4280289713)

Have a look what the booklet for  
Android(4280289713) contains.

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# Color

**Android(4280289713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2009B1
RGB	32, 9, 177
RGB Percent	13%, 4%, 69%
CMY	0.8745, 0.9647, 0.3059
CMYK	0.82, 0.95, 0.00, 0.31
HSL	248°, 90%, 36%
HSV	248°, 95%, 69%
XYZ	8.6292, 3.6768, 41.8499
YIQ	35.0290, -40.2200, 57.1240

# Conversions

## Conversions Part 2

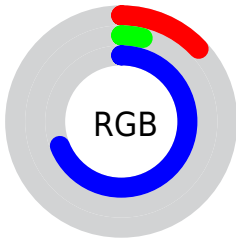
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 9, 177
Decimal	2099633
CIE <sub>Lab</sub>	22.57, 58.46, -78.91
CIE <sub>LCh</sub>	23, 98.206, 306.533
Yxy	3.6768, 0.1593, 0.0679
Android (android.graphics.Color)	4280289713 (0xFF2009B1)
YUV	35.0290, 69.9917, -2.6564
Hunter-Lab	19.1749, 46.7731, -115.9798

# Details

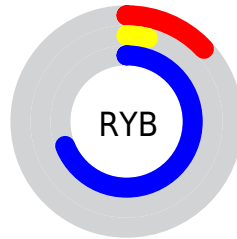
The Android color **4280289713** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288327945**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4285219306**, and **4278190203** is the 20% darker color. If you saturate the color by 10%, you get **4279763121**, and if you desaturate by 10%, it is **4281277361**.

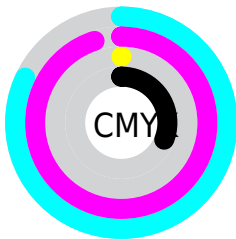
# Distribution



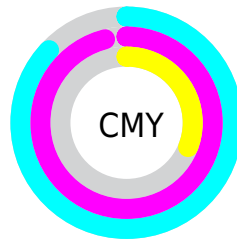
- Red (13%)
- Green (4%)
- Blue (69%)



- Red (13%)
- Yellow (4%)
- Blue (69%)



- Cyan (82%)
- Magenta (95%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (96%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280289713 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 4280289713 by changing the saturation by 10% instead.



 4280289713

 4280289713

4294967295

 4278190229

 4285219306

 4278190203

 4287257599

 4278190177

 4289295871

 4278192200

 4291334143

 4278191152

 4293307391

 4278190362

 4294952959

 4278190080

 4294960127

 4280289713

 4280289713

■ 4279763121

■ 4281277361

■ 4282330289

■ 4283317937

■ 4284305585

■ 4285293233

■ 4286346161

■ 4287333809

■ 4288321457

■ 4289308849

# Harmonies

## Analogous

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



4278206928



4280289713



4287627378

# Triad

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



4280289713



4285403136



4278209605

# Complementary

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



4280289713



4288327945

# 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.



4278208768



4280289713



4281678080

# Square

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



4280289713



4288020480



4278207744



4278210191

# Rectangle

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



4280289713



4288938050



4278207744



4278209323



# Sweetspot

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



4280289713



4289635814



4278819761



4283518067



4294111986



4285756275



# Same Dimension

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



4280289713



4280221926



4285729201



4283584601



4279566489



4278386714



# Inverse Universe

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



4289792410



4293263558



4282888457



4284043352



4288217220

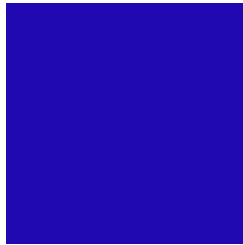


4279894038



# Previews

## White Background



This preview shows how the Android color 4280289713 looks on a white background.

## Color Contrast Check

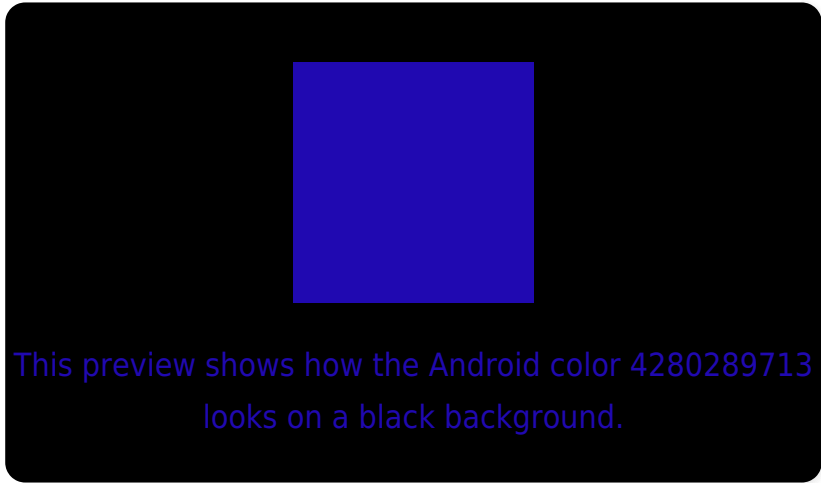
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280289713 Background



This preview shows how black text looks on a background with the Android color 4280289713.



This preview shows how white text looks on a background with the Android color 4280289713.

# 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**  
4280289713

**Protanopia**  
4278204017

**Deuteranopia**  
4278204767



# Trichromacy



**Original Color**

4280289713

**Protanomaly**

4278986376

**Deuteranomaly**

4278986877

**Tritanomaly**

4278987626

# Monochromacy



**Original Color**

4280289713

**Achromatopsia**

4280492835

**Achromatomaly**

4280425047

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280289713 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, 9, 177)` looks like.

```
.text, #text, p{  
    color:rgb(32, 9, 177)  
}
```

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, 9, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 9, 177) }
```

## Border

The CSS property to change the border of an element to Android 4280289713 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, 9, 177) }
```

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

```
.border{ border-color:rgb(32, 9, 177) }
```

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

Here you see how a box with a 4 pixel rgb(32, 9, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 9, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 9, 177);  
box-shadow:4px 4px 4px 4px rgb(32, 9, 177)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280289713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 9, 177) }
```

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

```
.background{ background-color: rgb(32, 9,  
177) }
```

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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