

# Converting Colors

Android(4280221793)

Have a look what the booklet for  
Android(4280221793) contains.

<b>Android(4280221793)</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(4280221793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F0061
RGB	31, 0, 97
RGB Percent	12%, 0%, 38%
CMY	0.8784, 1.0000, 0.6196
CMYK	0.68, 1.00, 0.00, 0.62
HSL	259°, 100%, 19%
HSV	259°, 100%, 38%
XYZ	2.7227, 1.1544, 11.3886
YIQ	20.3270, -12.6610, 36.7390

# Conversions

## Conversions Part 2

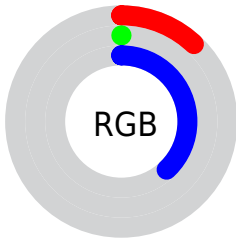
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>31, 0, 97</b>
Decimal	2031713
CIE Lab	10.22, 39.99, -49.03
CIE LCh	10, 63.270, 309.198
Yxy	1.1544, 0.1784, 0.0756
Android (android.graphics.Color)	4280221793 (0xFF1F0061)
YUV	20.3270, 37.7998, 9.3602
Hunter-Lab	10.7442, 26.4324, -55.3251

# Details

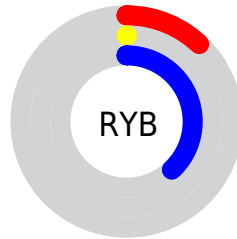
The Android color **4280221793** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4282540288**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283904149**, and **4278191153** is the 20% darker color. If you saturate the color by 10%, you get **4280221793**, and if you desaturate by 10%, it is **4280683105**.

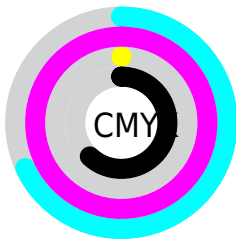
# Distribution



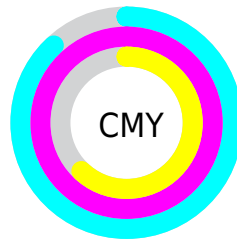
- Red (12%)
- Green (0%)
- Blue (38%)



- Red (12%)
- Yellow (0%)
- Blue (38%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (100%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280221793 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 4280221793 by changing the saturation by 10% instead.



 4280221793

 4280221793

 4294961407

 4278452297

 4283904149

 4278191153

 4285679792

 4278190363

 4287455692

 4278190080

 4289297384

 4291204607

 4293112063

 4294954239

 4280221793

■ 4280683105

■ 4281078625

■ 4281539937

■ 4281935713

■ 4282397025

■ 4282858081

■ 4283253857

■ 4283715169

■ 4284110689

# Harmonies

## Analogous

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



4278198645



4280221793



4283629627

# Triad

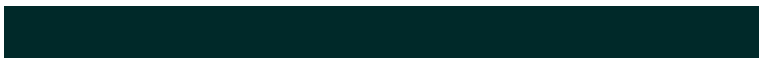
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280221793



4282059520



4278200617

# Complementary

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



4280221793



4282540288

# 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.



4278200320



4280221793



4279770880

# Square

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



4280221793



4283629568



4278200064



4278201427

# Rectangle

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



4280221793



4284284959



4278200064



4278200602



# Sweetspot

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



4280221793



4284700541



4278207073



4281346368



4290756543



4282400832



# Same Dimension

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



4280221793



4280811645



4283367521



4281150512



4280549488



4283236592



# Inverse Universe

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



4284547138



4286382165



4279394560



4281347119



4285530188

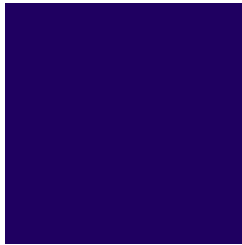


4293918883



# Previews

## White Background



This preview shows how the Android color 4280221793 looks on a white background.

## Color Contrast Check

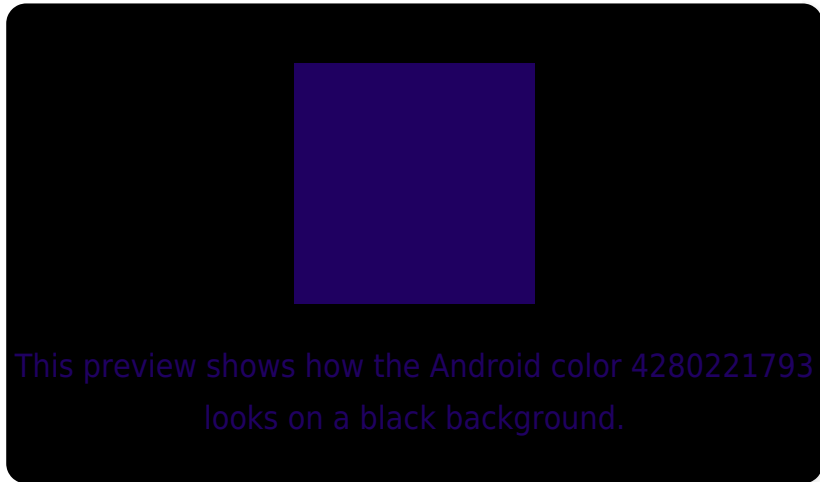
Large Text (above 18pt) WCAG AA ✓ Pass

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

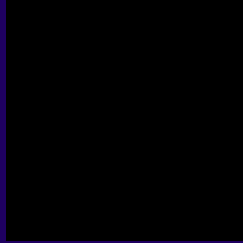
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280221793 Background



This preview shows how black text looks on a background with the Android color 4280221793.



This preview shows how white text looks on a background with the Android color 4280221793.

# 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**  
4280221793

**Protanopia**  
4278198082

**Deuteranopia**  
4278198840



# Trichromacy



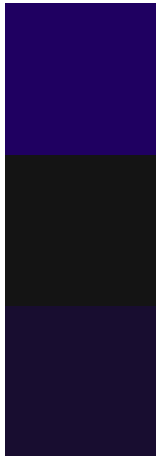
**Original Color**  
4280221793

**Protanomaly**  
4278916173

**Deuteranomaly**  
4278916679

**Tritanomaly**  
4278916923

# Monochromacy



**Original Color**  
4280221793

**Achromatopsia**  
4279505940

**Achromatomaly**  
4279766320

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280221793 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(31, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 97)  
}
```

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(31, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 97) }
```

## Border

The CSS property to change the border of an element to Android 4280221793 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(31, 0, 97) }
```

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

```
.border{ border-color:rgb(31, 0, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 0, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 0, 97); box-shadow:4px  
4px 4px 4px rgb(31, 0, 97) }
```

# Background

The CSS property to change the background color of an element to Android 4280221793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 97) }
```

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

```
.background{ background-color: rgb(31, 0,  
97) }
```

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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