

# Converting Colors

Android(4282193020)

Have a look what the booklet for  
Android(4282193020) contains.

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# Color

**Android(4282193020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D147C
RGB	61, 20, 124
RGB Percent	24%, 8%, 49%
CMY	0.7608, 0.9216, 0.5137
CMYK	0.51, 0.84, 0.00, 0.51
HSL	264°, 72%, 28%
HSV	264°, 84%, 49%
XYZ	5.8127, 2.9476, 19.3314
YIQ	44.1150, -8.9480, 41.0360

# Conversions

## Conversions Part 2

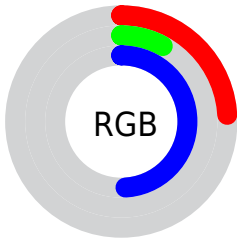
Format	Color
<b>RYB</b>	61, 20, 124
Decimal	4002940
CIELab	19.83, 42.54, -50.63
CIELCh	20, 66.127, 310.039
Yxy	2.9476, 0.2069, 0.1049
Android (android.graphics.Color)	4282193020 (0xFF3D147C)
YUV	44.1150, 39.3833, 14.8081
Hunter-Lab	17.1687, 30.3885, -54.7404

# Details

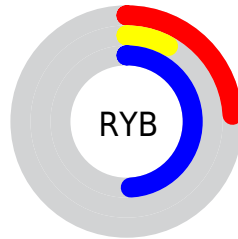
The Android color **4282193020** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283661332**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4285810098**, and **4278517834** is the 20% darker color. If you saturate the color by 10%, you get **4281665660**, and if you desaturate by 10%, it is **4282720380**.

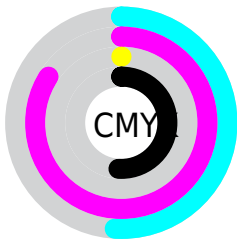
# Distribution



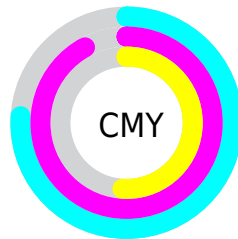
- Red (24%)
- Green (8%)
- Blue (49%)



- Red (24%)
- Yellow (8%)
- Blue (49%)



- Cyan (51%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (92%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282193020 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 4282193020 by changing the saturation by 10% instead.



4282193020

4282193020

4294967295

4280287330

4285810098

4278517834

4287585997

4278191154

4289427690

4278190620

4291334911

4278190080

4293242367

4294953471

4294960639

4282193020

4282193020

■ 4281665660

■ 4282720380

■ 4281401468

■ 4283182460

■ 4283709820

■ 4284171900

■ 4284699260

■ 4285161084

■ 4285688700

■ 4286150524

■ 4286678140

# Harmonies

## Analogous

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



4278203283



4282193020



4285595730

# Triad

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



4282193020



4283768832



4278206784

# Complementary

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



4282193020



4283661332

# 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.



4278206218



4282193020



4281152512

# Square

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



4282193020



4285661184



4278205440



4278206831

# Rectangle

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



4282193020



4286316594



4278205440



4278206511



# Sweetspot

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



4282193020



4287133857



4279522428



4282595666



4291940817



4283585106



# Same Dimension

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



4282193020



4282319009



4285535356



4281939773



4281401469



4284743932



# Inverse Universe

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



4286321747



4288741473



4280318996



4282201915



4286382156

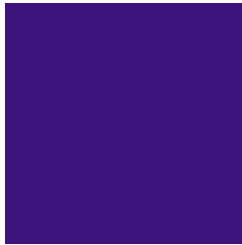


4294705305



# Previews

## White Background



This preview shows how the Android color 4282193020 looks on a white background.

## Color Contrast Check

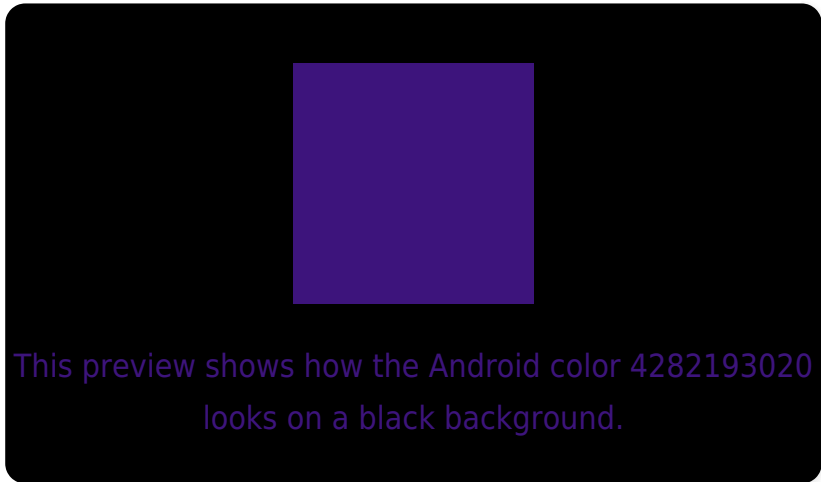
Large Text (above 18pt) WCAG AA ✓ Pass

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

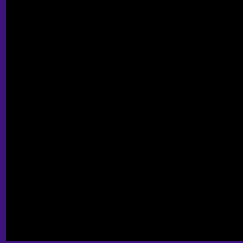
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282193020 Background



This preview shows how black text looks on a background with the Android color 4282193020.



This preview shows how white text looks on a background with the Android color 4282193020.

# 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**  
4282193020

**Protanopia**  
4278202468

**Deuteranopia**  
4278203222



# Trichromacy



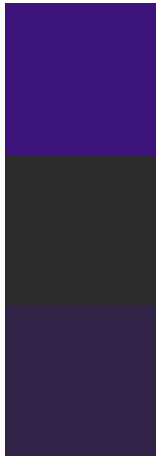
**Original Color**  
4282193020

**Protanomaly**  
4279641709

**Deuteranomaly**  
4279642212

**Tritanomaly**  
4281346128

# Monochromacy



**Original Color**  
4282193020

**Achromatopsia**  
4281084972

**Achromatomaly**  
4281475913

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282193020 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(61, 20, 124)` looks like.

```
.text, #text, p{  
    color:rgb(61, 20, 124)  
}
```

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(61, 20, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 20, 124) }
```

## Border

The CSS property to change the border of an element to Android 4282193020 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(61, 20, 124) }
```

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

```
.border{ border-color:rgb(61, 20, 124) }
```

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

Here you see how a box with a 4 pixel rgb(61, 20, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 20, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 20, 124);  
box-shadow:4px 4px 4px 4px rgb(61, 20,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4282193020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 20, 124) }
```

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

```
.background{ background-color: rgb(61, 20,  
124) }
```

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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