

# Converting Colors

Android(4282260361)

Have a look what the booklet for  
Android(4282260361) contains.

<b>Android(4282260361)</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(4282260361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E1B89
RGB	62, 27, 137
RGB Percent	24%, 11%, 54%
CMY	0.7569, 0.8941, 0.4627
CMYK	0.55, 0.80, 0.00, 0.46
HSL	259°, 67%, 32%
HSV	259°, 80%, 54%
XYZ	6.8939, 3.6141, 24.0012
YIQ	50.0050, -14.4500, 41.6300

# Conversions

## Conversions Part 2

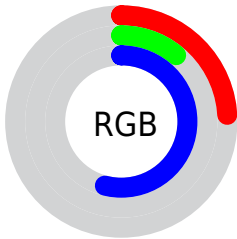
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 27, 137
Decimal	4070281
CIELab	22.35, 43.21, -54.69
CIElCh	22, 69.698, 308.310
Yxy	3.6141, 0.1998, 0.1047
Android (android.graphics.Color)	4282260361 (0xFF3E1B89)
YUV	50.0050, 42.8885, 10.5196
Hunter-Lab	19.0109, 31.4601, -61.5457

# Details

The Android color **4282260361** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4284909851**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285942975**, and **4278190166** is the 20% darker color. If you saturate the color by 10%, you get **4281666953**, and if you desaturate by 10%, it is **4282853769**.

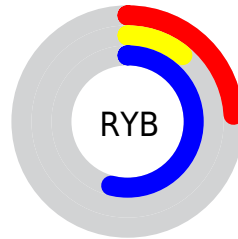
# Distribution



Red (24%)

Green (11%)

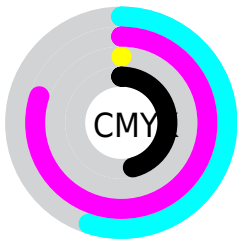
Blue (54%)



Red (24%)

Yellow (11%)

Blue (54%)

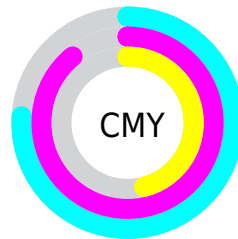


Cyan (55%)

Magenta (80%)

Yellow (0%)

Black (46%)



Cyan (76%)

Magenta (89%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282260361 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 4282260361 by changing the saturation by 10% instead.





4282260361



4282260361

4294967295



4280222063



4285942975



4278190166



4287784156



4278190142



4289625849



4278190887



4291533311



4278190352



4293440767



4278190080



4294955263



4294962431



4282260361



4282260361

■ 4281666953

■ 4282853769

■ 4281073801

■ 4283512457

■ 4284105865

■ 4284699273

■ 4285358217

■ 4285951369

■ 4286544777

■ 4287203721

■ 4287796873

# Harmonies

## Analogous

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



4278205088



4282260361



4286120029

# Triad

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



4282260361



4284490496



4278208323

# Complementary

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



4282260361



4284909851

# 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.



4278208008



4282260361



4281743616

# Square

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



4282260361



4286382080



4278206976



4278208630

# Rectangle

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



4282260361



4287037499



4278206976



4278208305



# Sweetspot

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



4282260361



4287989939



4279985801



4282924889



4292467161



4284045657



# Same Dimension

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



4282260361



4282255283



4285864841



4282400325



4280942725



4278321157



# Inverse Universe

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



4287175526



4289922940



4281305371



4282728003



4286906458

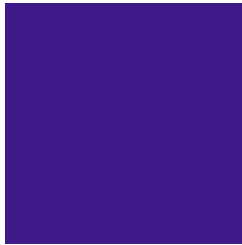


4278517763



# Previews

## White Background



This preview shows how the Android color 4282260361 looks on a white background.

## Color Contrast Check

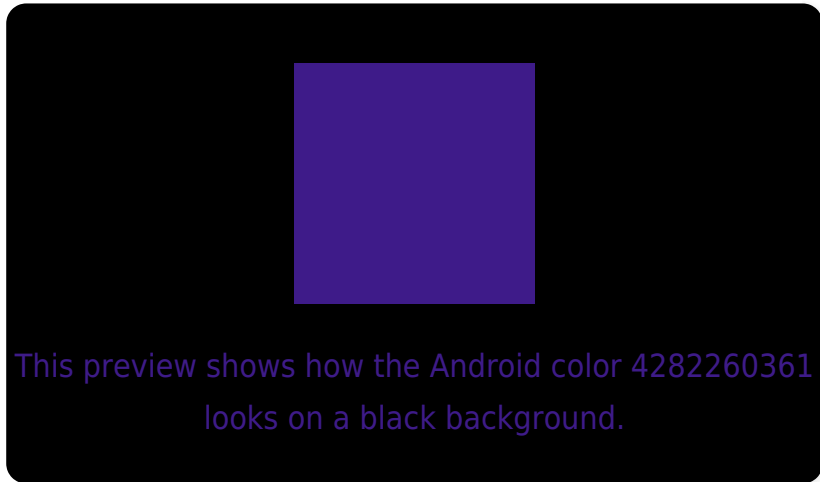
Large Text (above 18pt) WCAG AA ✓ Pass

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

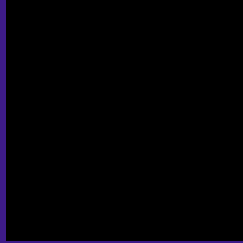
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282260361 Background



This preview shows how black text looks on a background with the Android color 4282260361.



This preview shows how white text looks on a background with the Android color 4282260361.

# 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**  
4282260361

**Protanopia**  
4278203502

**Deuteranopia**  
4278204510



# Trichromacy



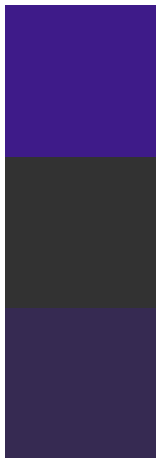
**Original Color**  
4282260361

**Protanomaly**  
4279708536

**Deuteranomaly**  
4279709038

**Tritanomaly**  
4281151321

# Monochromacy



**Original Color**  
4282260361

**Achromatopsia**  
4281479730

**Achromatomaly**  
4281739858

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282260361 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(62, 27, 137)` looks like.

```
.text, #text, p{  
    color:rgb(62, 27, 137)  
}
```

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(62, 27, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 27, 137) }
```

## Border

The CSS property to change the border of an element to Android 4282260361 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(62, 27, 137) }
```

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

```
.border{ border-color:rgb(62, 27, 137) }
```

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

Here you see how a box with a 4 pixel rgb(62, 27, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 27, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 27, 137);  
box-shadow:4px 4px 4px 4px rgb(62, 27,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4282260361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 27, 137) }
```

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

```
.background{ background-color: rgb(62, 27,  
137) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor