

# Converting Colors

Android(4280826796)

Have a look what the booklet for  
Android(4280826796) contains.

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# Color

**Android(4280826796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	283BAC
RGB	40, 59, 172
RGB Percent	16%, 23%, 67%
CMY	0.8431, 0.7686, 0.3255
CMYK	0.77, 0.66, 0.00, 0.33
HSL	231°, 62%, 42%
HSV	231°, 77%, 67%
XYZ	9.8854, 6.5576, 39.7744
YIQ	66.2010, -47.5970, 31.1150

# Conversions

## Conversions Part 2

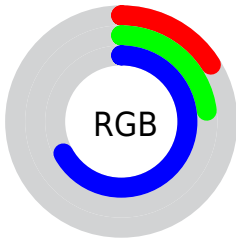
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 57, 172
Decimal	2636716
CIE <sub>Lab</sub>	30.78, 33.51, -62.32
CIE <sub>LCh</sub>	31, 70.756, 298.267
Yxy	6.5576, 0.1758, 0.1166
Android (android.graphics.Color)	4280826796 (0xFF283BAC)
YUV	66.2010, 52.1589, -22.9783
Hunter-Lab	25.6078, 24.0930, -74.1647

# Details

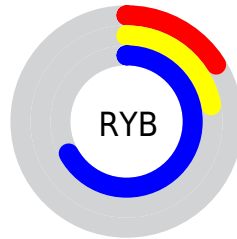
The Android color `4280826796` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289501480`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4285164260`, and `4278194806` is the 20% darker color. If you saturate the color by 10%, you get `4279708844`, and if you desaturate by 10%, it is `4281944748`.

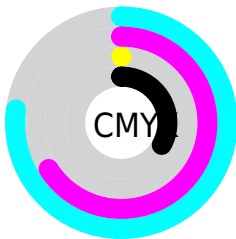
# Distribution



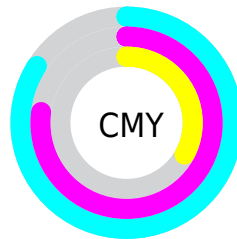
- Red (16%)
- Green (23%)
- Blue (67%)



- Red (16%)
- Yellow (22%)
- Blue (67%)



- Cyan (77%)
- Magenta (66%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (77%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280826796 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 4280826796 by changing the saturation by 10% instead.



 4280826796

 4280826796

4294967295

 4278199697

 4285164260


 4278194806

 4287137023

 4278190173

 4289044223

 4278192196

 4291017215

 4278190893


 4292990207

 4278190359

 4294963711

 4278190080

 4280826796

 4280826796

 4279708844

 4281944748

■ 4278591148

■ 4283062444

■ 4278196652

■ 4284245932

■ 4285363884

■ 4286481836

■ 4287599532

■ 4288717484

■ 4289900972

■ 4291018924

# Harmonies

## Analogous

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



4278211258



4280826796



4286840964

# Triad

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



4280826796



4286916864



4278213956

# Complementary

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



4280826796



4289501480

# 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.



4278213120



4280826796



4284237312

# Square

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



4280826796



4288610329



4280439808



4278214268

# Rectangle

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



4280826796



4288413793



4280439808



4278213680



# Sweetspot

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



4280826796



4289574112



4280855704



4283520368



4293980400



4285558896



# Same Dimension

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



4280826796



4279382240



4283836588



4283322199



4278195862



4278190871



# Inverse Universe

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



4289472571



4292874800



4286491688



4283911759



4288020502

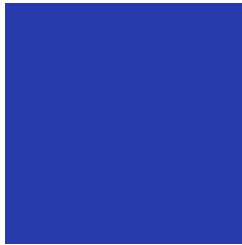


4279697411



# Previews

## White Background



This preview shows how the Android color 4280826796 looks on a white background.

## Color Contrast Check

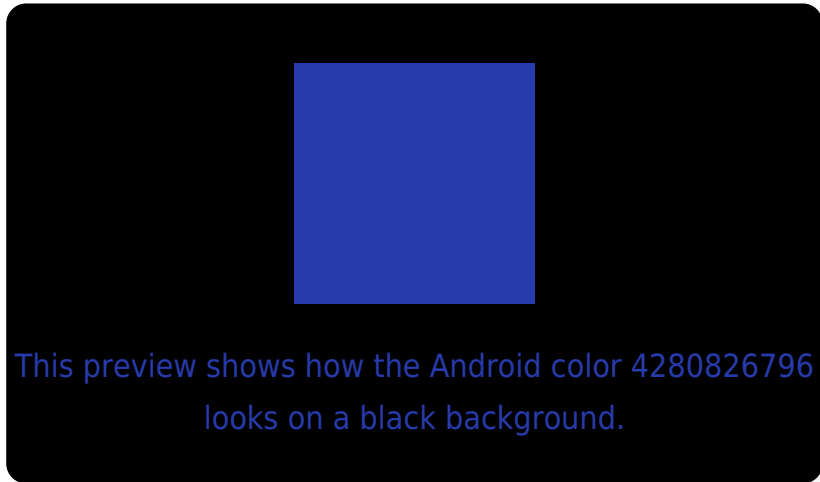
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280826796 Background



This preview shows how black text looks on a background with the Android color 4280826796.



This preview shows how white text looks on a background with the Android color 4280826796.

# 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**

4280826796

**Protanopia**

4278208147

**Deuteranopia**

4278209150



# Trichromacy



**Original Color**

4280826796

**Protanomaly**

4279190172

**Deuteranomaly**

4279190927

**Tritanomaly**

4279191669

# Monochromacy



**Original Color**

4280826796

**Achromatopsia**

4282532418

**Achromatomaly**

4281941865

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280826796 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(40, 59, 172)` looks like.

```
.text, #text, p{  
    color:rgb(40, 59, 172)  
}
```

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(40, 59, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 59, 172) }
```

## Border

The CSS property to change the border of an element to Android 4280826796 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(40, 59, 172) }
```

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

```
.border{ border-color:rgb(40, 59, 172) }
```

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

Here you see how a box with a 4 pixel rgb(40, 59, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 59, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 59, 172);  
box-shadow:4px 4px 4px 4px rgb(40, 59,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4280826796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 59, 172) }
```

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

```
.background{ background-color: rgb(40, 59,  
172) }
```

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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