

# Converting Colors

Android(4280232826)

Have a look what the booklet for  
Android(4280232826) contains.

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# Color

**Android(4280232826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F2B7A
RGB	31, 43, 122
RGB Percent	12%, 17%, 48%
CMY	0.8784, 0.8314, 0.5216
CMYK	0.75, 0.65, 0.00, 0.52
HSL	232°, 59%, 30%
HSV	232°, 75%, 48%
XYZ	4.9418, 3.4242, 18.8128
YIQ	48.4180, -32.5110, 22.0250

# Conversions

## Conversions Part 2

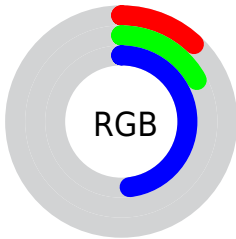
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 42, 122
Decimal	2042746
CIE <sub>Lab</sub>	21.67, 24.25, -46.45
CIE <sub>LCh</sub>	22, 52.399, 297.572
Yxy	3.4242, 0.1818, 0.1260
Android (android.graphics.Color)	4280232826 (0xFF1F2B7A)
YUV	48.4180, 36.2759, -15.2756
Hunter-Lab	18.5046, 15.2868, -47.3244

# Details

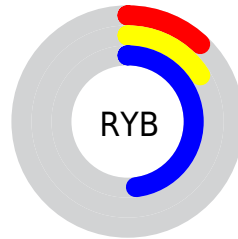
The Android color `4280232826` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4286213663`, and the grayscale version is `4281348144`.

A 20% lighter version of the original color is `4284045487`, and `4278190152` is the 20% darker color. If you saturate the color by 10%, you get `4279443578`, and if you desaturate by 10%, it is `4281022074`.

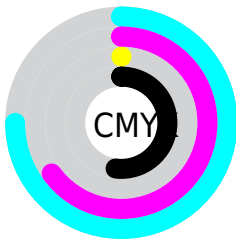
# Distribution



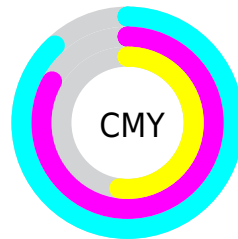
- Red (12%)
- Green (17%)
- Blue (48%)



- Red (12%)
- Yellow (16%)
- Blue (48%)



- Cyan (75%)
- Magenta (65%)
- Yellow (0%)
- Black (52%)



- Cyan (88%)
- Magenta (83%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280232826 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 4280232826 by changing the saturation by 10% instead.



 4280232826

 4280232826

4294967295

 4278196065

 4284045487

 4278190152

 4285886923


 4278191153

 4287662823

 4278190363

 4289570303

 4278190080

 4291412223

 4293319935

 4294965503

 4280232826

 4280232826

■ 4279443578

■ 4281022074

■ 4278654586

■ 4281811066

■ 4278194298

■ 4282665850

■ 4283454842

■ 4284244090

■ 4285033338

■ 4285822330

■ 4286677114

■ 4287466106

# Harmonies

## Analogous

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



4278205315



4280232826



4284288094

# Triad

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



4280232826



4284489216



4278207280

# Complementary

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



4280232826



4286213663

# 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.



4278206722



4280232826



4282659328

# Square

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



4280232826



4285661203



4280105984



4278207319

# Rectangle

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



4280232826



4285399110



4280105984



4278207010



# Sweetspot

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



4280232826



4286283934



4280253038



4282006863



4291809231



4283387727



# Same Dimension

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



4280232826



4279247774



4282392442



4281808957



4278194301



4278198780



# Inverse Universe

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



4286193451



4288548899



4284054047



4282201912



4286382096

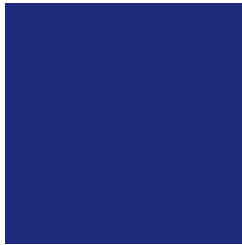


4294705185



# Previews

## White Background



This preview shows how the Android color 4280232826 looks on a white background.

## Color Contrast Check

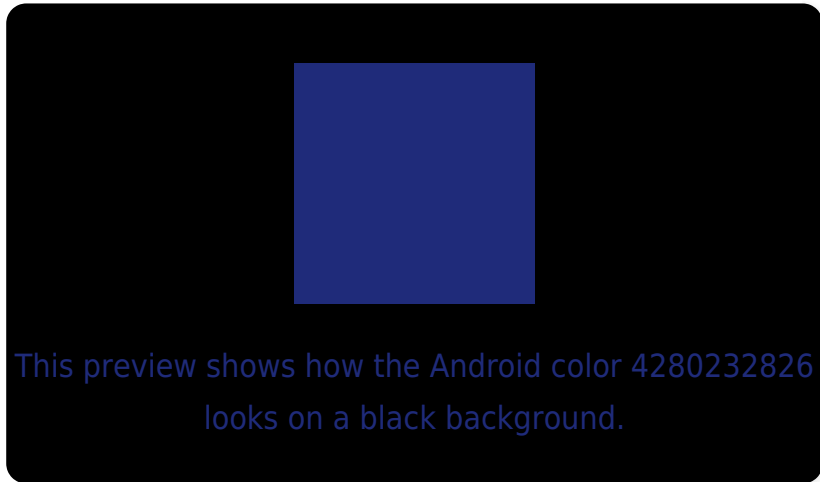
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280232826 Background



This preview shows how black text looks on a background with the Android color 4280232826.



This preview shows how white text looks on a background with the Android color 4280232826.

# 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**  
4280232826

**Protanopia**  
4278202986

**Deuteranopia**  
4278203995



# Trichromacy



**Original Color**

4280232826

**Protanomaly**

4278923120

**Deuteranomaly**

4278923878

**Tritanomaly**

4278924628

# Monochromacy



**Original Color**

4280232826

**Achromatopsia**

4281348144

**Achromatomaly**

4280954443

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280232826 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, 43, 122)` looks like.

```
.text, #text, p{  
    color:rgb(31, 43, 122)  
}
```

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, 43, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 43, 122) }
```

## Border

The CSS property to change the border of an element to Android 4280232826 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, 43, 122) }
```

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

```
.border{ border-color:rgb(31, 43, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 43, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 43, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 43, 122);  
box-shadow:4px 4px 4px 4px rgb(31, 43,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4280232826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 43, 122) }
```

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

```
.background{ background-color: rgb(31, 43,  
122) }
```

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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