

# Converting Colors

Android(4280686772)

Have a look what the booklet for  
Android(4280686772) contains.

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# Color

**Android(4280686772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2618B4
RGB	38, 24, 180
RGB Percent	15%, 9%, 71%
CMY	0.8510, 0.9059, 0.2941
CMYK	0.79, 0.87, 0.00, 0.29
HSL	245°, 76%, 40%
HSV	245°, 87%, 71%
XYZ	9.3642, 4.3606, 43.5282
YIQ	45.9700, -41.7320, 51.4840

# Conversions

## Conversions Part 2

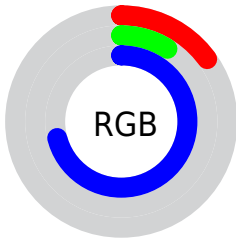
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 24, 180
Decimal	2496692
CIE <sub>Lab</sub>	24.83, 54.94, -76.94
CIE <sub>LCh</sub>	25, 94.540, 305.531
Yxy	4.3606, 0.1636, 0.0762
Android (android.graphics.Color)	4280686772 (0xFF2618B4)
YUV	45.9700, 66.0768, -6.9897
Hunter-Lab	20.8821, 43.5012, -108.9708

# Details

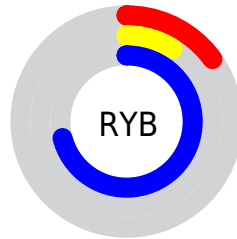
The Android color **4280686772** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4289115160**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4285418477**, and **4278190206** is the 20% darker color. If you saturate the color by 10%, you get **4279633588**, and if you desaturate by 10%, it is **4281739956**.

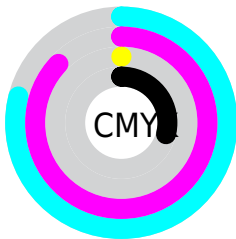
# Distribution



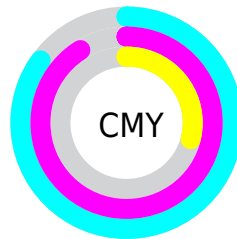
- Red (15%)
- Green (9%)
- Blue (71%)



- Red (15%)
- Yellow (9%)
- Blue (71%)



- Cyan (79%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (91%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280686772 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 4280686772 by changing the saturation by 10% instead.



 4280686772

 4280686772

4294967295

 4278190232

 4285418477

 4278190206

 4287456511

 4278190180

 4289494783

 4278192458

 4291467775

 4278191155

 4293506303

 4278190621

 4294955263

 4278190080

 4294962687

 4280686772

 4280686772

■ 4279633588

■ 4281739956

■ 4279238836

■ 4282858676

■ 4283911860

■ 4285030580

■ 4286083764

■ 4287136948

■ 4288255668

■ 4289308852

■ 4290362036

# Harmonies

## Analogous

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



4278207952



4280686772



4287758456

# Triad

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



4280686772



4285863680



4278210887

# Complementary

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



4280686772



4289115160

# 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.



4278210048



4280686772



4282269184

# Square

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



4280686772



4288413696



4278209024



4278211471

# Rectangle

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



4280686772



4289134665



4278209024



4278210606



# Sweetspot

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



4280686772



4289965803



4279805876



4283715957



4294309365



4285887861



# Same Dimension

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



4280686772



4279566571



4285733044



4283519065



4279107737



4278321178



# Inverse Universe

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



4289992870



4293591254



4284068888



4284043352



4288217227

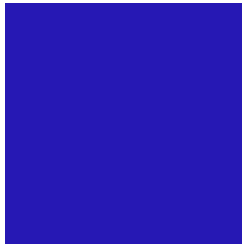


4279894039



# Previews

## White Background



This preview shows how the Android color 4280686772 looks on a white background.

## Color Contrast Check

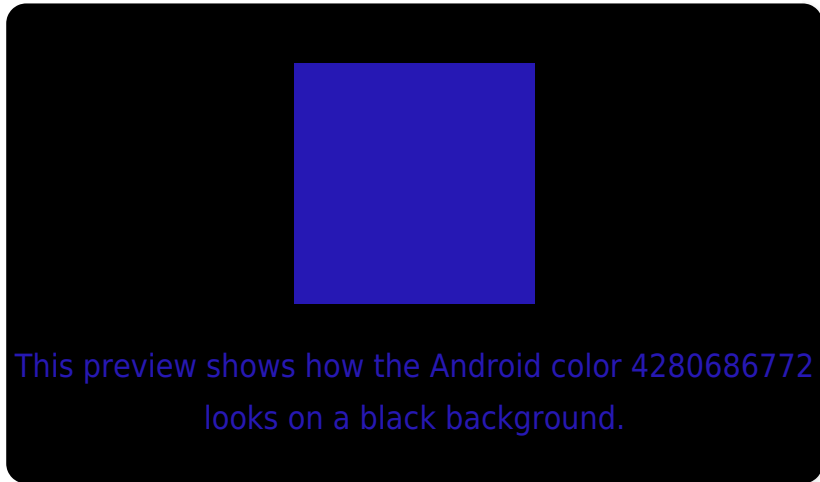
Large Text (above 18pt) WCAG AA ✓ Pass

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

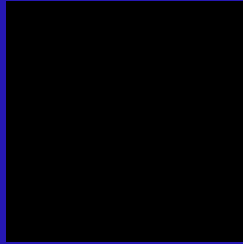
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280686772 Background



This preview shows how black text looks on a background with the Android color 4280686772.



This preview shows how white text looks on a background with the Android color 4280686772.

# 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**  
4280686772

**Protanopia**  
4278204793

**Deuteranopia**  
4278205798



# Trichromacy



**Original Color**

4280686772

**Protanomaly**

4279119246

**Deuteranomaly**

4279120002

**Tritanomaly**

4279120750

# Monochromacy



**Original Color**

4280686772

**Achromatopsia**

4281216558

**Achromatomaly**

4281017951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280686772 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(38, 24, 180)` looks like.

```
.text, #text, p{  
    color:rgb(38, 24, 180)  
}
```

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(38, 24, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 24, 180) }
```

## Border

The CSS property to change the border of an element to Android 4280686772 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(38, 24, 180) }
```

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

```
.border{ border-color:rgb(38, 24, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 24, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 24, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 24, 180);  
box-shadow:4px 4px 4px 4px rgb(38, 24,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4280686772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 24, 180) }
```

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

```
.background{ background-color: rgb(38, 24,  
180) }
```

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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