

# Converting Colors

Android(4280896401)

Have a look what the booklet for  
Android(4280896401) contains.

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# Color

**Android(4280896401)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	294B91
RGB	41, 75, 145
RGB Percent	16%, 29%, 57%
CMY	0.8392, 0.7059, 0.4314
CMYK	0.72, 0.48, 0.00, 0.43
HSL	220°, 56%, 36%
HSV	220°, 72%, 57%
XYZ	8.5414, 7.5479, 27.7948
YIQ	72.8140, -42.7340, 14.5620

# Conversions

## Conversions Part 2

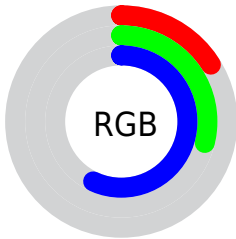
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 67, 145
Decimal	2706321
CIE <sub>Lab</sub>	33.02, 12.65, -42.35
CIE <sub>LCh</sub>	33, 44.199, 286.633
Yxy	7.5479, 0.1946, 0.1720
Android (android.graphics.Color)	4280896401 (0xFF294B91)
YUV	72.8140, 35.5877, -27.9009
Hunter-Lab	27.4735, 7.4162, -40.7520

# Details

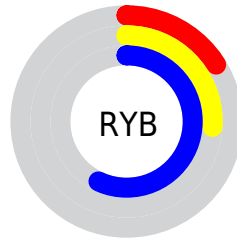
The Android color **4280896401** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4287721257**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4284775367**, and **4278198366** is the 20% darker color. If you saturate the color by 10%, you get **4279976337**, and if you desaturate by 10%, it is **4281882001**.

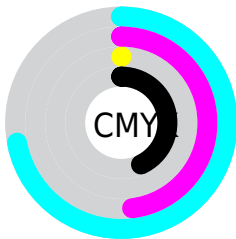
# Distribution



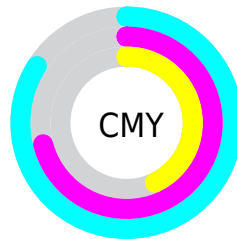
- Red (16%)
- Green (29%)
- Blue (57%)



- Red (16%)
- Yellow (26%)
- Blue (57%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (43%)



- Cyan (84%)
- Magenta (71%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280896401 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 4280896401 by changing the saturation by 10% instead.





4280896401



4280896401

4294967295



4278203767



4284775367



4278198366



4286551524



4278192454



4288393471



4278191151



4290300927



4278190361



4292208639



4278190080



4294115327



4280896401



4280896401



4279976337



4281882001

■ 4278990737

■ 4282802065

■ 4278202257

■ 4283787409

■ 4284707473

■ 4285693073

■ 4286613137

■ 4287598481

■ 4288518545

■ 4289438609

# Harmonies

## Analogous

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



4278212242



4280896401



4284955518

# Triad

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



4280896401



4286723867



4278213948

# Complementary

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



4280896401



4287721257

# 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.



4280375577



4280896401



4285220352

# Square

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



4280896401



4287375932



4283191808



4278214241

# Rectangle

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



4280896401



4286394474



4283191808



4278213680



# Sweetspot

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



4280896401



4287865277



4280914286



4282797662



4292796126



4284374622



# Same Dimension

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



4280896401



4279914429



4282001809



4282401607



4278201479



4278190856



# Inverse Universe

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



4287703371



4290583119



4286615849



4282859587



4287037484



4278714371



# Previews

## White Background



This preview shows how the Android color 4280896401 looks on a white background.

## Color Contrast Check

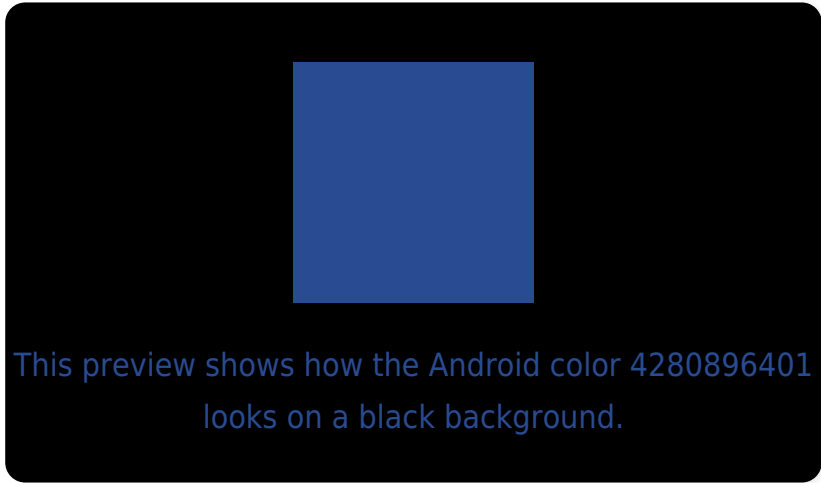
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280896401 Background



This preview shows how black text looks on a background with the Android color 4280896401.



This preview shows how white text looks on a background with the Android color 4280896401.

# 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**

4280896401

**Protanopia**

4280830865

**Deuteranopia**

4278210443



# Trichromacy



**Original Color**

4280896401

**Protanomaly**

4280830865

**Deuteranomaly**

4279193229

**Tritanomaly**

4279194224

# Monochromacy



**Original Color**

4280896401

**Achromatopsia**

4282992969

**Achromatomaly**

4282206819

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280896401 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(41, 75, 145)` looks like.

```
.text, #text, p{  
    color:rgb(41, 75, 145)  
}
```

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(41, 75, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 75, 145) }
```

## Border

The CSS property to change the border of an element to Android 4280896401 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(41, 75, 145) }
```

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

```
.border{ border-color:rgb(41, 75, 145) }
```

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

Here you see how a box with a 4 pixel rgb(41, 75, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 75, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 75, 145);  
box-shadow:4px 4px 4px 4px rgb(41, 75,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4280896401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 75, 145) }
```

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

```
.background{ background-color: rgb(41, 75,  
145) }
```

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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