

# Converting Colors

Android(4280299882)

Have a look what the booklet for  
Android(4280299882) contains.

<b>Android(4280299882)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280299882)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	20316A
RGB	32, 49, 106
RGB Percent	13%, 19%, 42%
CMY	0.8745, 0.8078, 0.5843
CMYK	0.70, 0.54, 0.00, 0.58
HSL	226°, 54%, 27%
HSV	226°, 70%, 42%
XYZ	4.2955, 3.5443, 14.0934
YIQ	50.4150, -28.4290, 14.1230

# Conversions

## Conversions Part 2

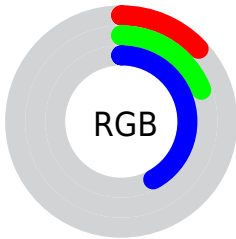
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 46, 106
Decimal	2109802
CIE <sub>Lab</sub>	22.10, 13.86, -35.47
CIE <sub>LCh</sub>	22, 38.084, 291.339
Yxy	3.5443, 0.1958, 0.1616
Android (android.graphics.Color)	4280299882 (0xFF20316A)
YUV	50.4150, 27.4034, -16.1500
Hunter-Lab	18.8263, 7.7812, -31.2060

# Details

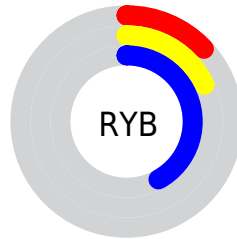
The Android color **4280299882** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4285159712**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4283850654**, and **4278190650** is the 20% darker color. If you saturate the color by 10%, you get **4279576938**, and if you desaturate by 10%, it is **4281022826**.

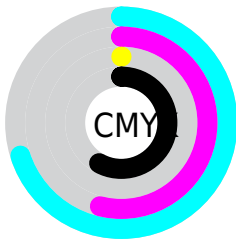
# Distribution



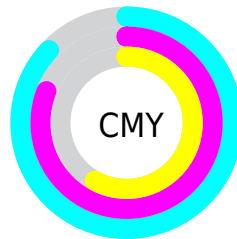
- Red (13%)
- Green (19%)
- Blue (42%)



- Red (13%)
- Yellow (18%)
- Blue (42%)



- Cyan (70%)
- Magenta (54%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (81%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280299882 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 4280299882 by changing the saturation by 10% instead.





4280299882



4280299882

4294967295



4278197329



4283850654



4278190650



4285560761



4278190628



4287336917



4278190091



4289113073



4278190080



4290955263



4292862975



4294770687



4280299882



4280299882

■ 4279576938

■ 4281022826

■ 4278919530

■ 4281680234

■ 4278196586

■ 4282403178

■ 4278196330

■ 4283060842

■ 4283783786

■ 4284506730

■ 4285164138

■ 4285887082

■ 4286544490

# Harmonies

## Analogous

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



4278205293



4280299882



4283310937

# Triad

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



4280299882



4284228614



4278206763

# Complementary

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



4280299882



4285159712

# 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.



4278337294



4280299882



4282986752

# Square

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



4280299882



4284880674



4281284864



4278206793

# Rectangle

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



4280299882



4284356936



4281284864



4278206498



# Sweetspot

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



4280299882



4285363082



4280314457



4281612357



4291085508



4282729797



# Same Dimension

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



4280299882



4279644554



4281606250



4281348406



4278197109



4278204661



# Inverse Universe

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



4285145137



4287239729



4283853344



4281741361



4285857819



4294246456



# Previews

## White Background



This preview shows how the Android color 4280299882 looks on a white background.

## Color Contrast Check

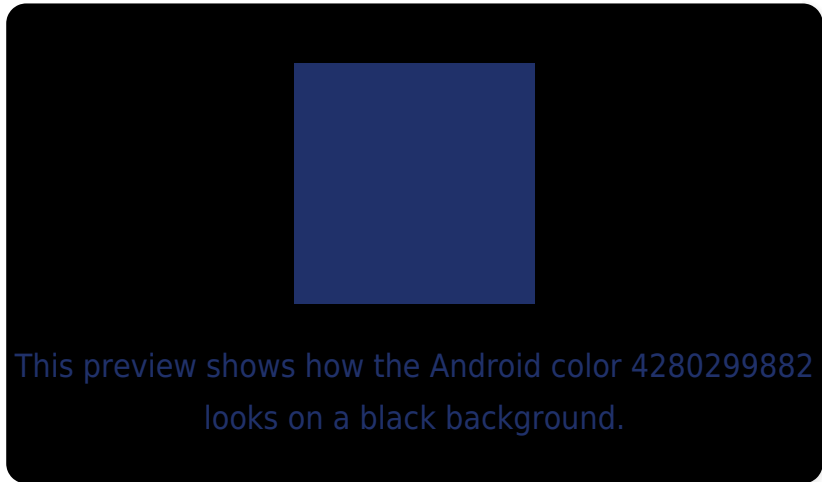
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280299882 Background



This preview shows how black text looks on a background with the Android color 4280299882.



This preview shows how white text looks on a background with the Android color 4280299882.

# 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**

4280299882

**Protanopia**

4278661996

**Deuteranopia**

4278203998



# Trichromacy



**Original Color**

4280299882

**Protanomaly**

4279251563

**Deuteranomaly**

4278989922

**Tritanomaly**

4278990671

# Monochromacy



**Original Color**

4280299882

**Achromatopsia**

4281479730

**Achromatomaly**

4281020998

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280299882 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(32, 49, 106)` looks like.

```
.text, #text, p{  
    color:rgb(32, 49, 106)  
}
```

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(32, 49, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 49, 106) }
```

## Border

The CSS property to change the border of an element to Android 4280299882 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(32, 49, 106) }
```

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

```
.border{ border-color:rgb(32, 49, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 49, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 49, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 49, 106);  
box-shadow:4px 4px 4px 4px rgb(32, 49,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4280299882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 49, 106) }
```

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

```
.background{ background-color: rgb(32, 49,  
106) }
```

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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