

# Converting Colors

Android(4281223314)

Have a look what the booklet for  
Android(4281223314) contains.

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# Color

**Android(4281223314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E4892
RGB	46, 72, 146
RGB Percent	18%, 28%, 57%
CMY	0.8196, 0.7176, 0.4275
CMYK	0.68, 0.51, 0.00, 0.43
HSL	224°, 52%, 38%
HSV	224°, 68%, 57%
XYZ	8.6324, 7.2909, 28.1464
YIQ	72.6620, -39.2500, 17.5020

# Conversions

## Conversions Part 2

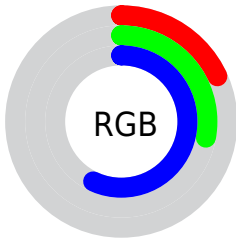
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 67, 146
Decimal	3033234
CIE <sub>Lab</sub>	32.46, 15.87, -43.85
CIE <sub>LCh</sub>	32, 46.636, 289.896
Yxy	7.2909, 0.1959, 0.1654
Android (android.graphics.Color)	4281223314 (0xFF2E4892)
YUV	72.6620, 36.1556, -23.3826
Hunter-Lab	27.0017, 9.8133, -42.9025




# Details

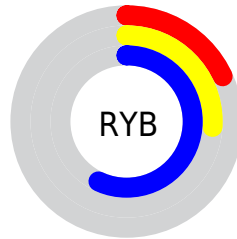
The Android color `4281223314` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4287789102`, and the grayscale version is `4282927176`.




A 20% lighter version of the original color is `4284971209`, and `4278197855` is the 20% darker color. If you saturate the color by 10%, you get `4280237458`, and if you desaturate by 10%, it is `4282209170`.

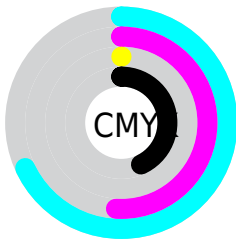
# Distribution







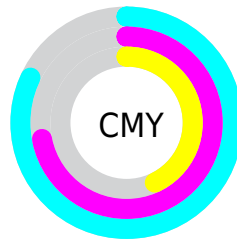
-  Red (18%)
-  Green (28%)
-  Blue (57%)






-  Red (18%)
-  Yellow (26%)
-  Blue (57%)



-  Cyan (68%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (43%)




-  Cyan (82%)
-  Magenta (72%)
-  Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281223314 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 4281223314 by changing the saturation by 10% instead.



 4281223314

 4281223314

4294967295

 4278399608

 4284971209

 4278197855

 4286812901

 4278191175

 4288654591

 4278191151


 4290562047


 4278190362

 4292469759

 4278190080

 4294377471

 4281223314

 4281223314

 4280237458

 4282209170

■ 4279317138

■ 4283129490

■ 4278331538

■ 4284115090

■ 4278199954

■ 4285035410

■ 4286021266

■ 4287007122

■ 4287927442

■ 4288913042

■ 4289833362

# Harmonies

## Analogous

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



4278211733



4281223314



4285281916

# Triad

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



4281223314



4286592531



4278213694

# Complementary

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



4281223314



4287789102

# 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.



4279327000



4281223314



4284958208

# Square

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



4281223314



4287440438



4282798592



4278213988

# Rectangle

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



4281223314



4286655078



4282798592



4278213426



# Sweetspot

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



4281223314



4287995837



4281242231



4282862942



4292796126



4284374622



# Same Dimension

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



4281223314



4280437437



4282723986



4282598474



4278199434



4278190858



# Inverse Universe

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



4287770184



4290585162



4286288430



4283056964



4287234084



4278845443



# Previews

## White Background



This preview shows how the Android color 4281223314 looks on a white background.

## Color Contrast Check

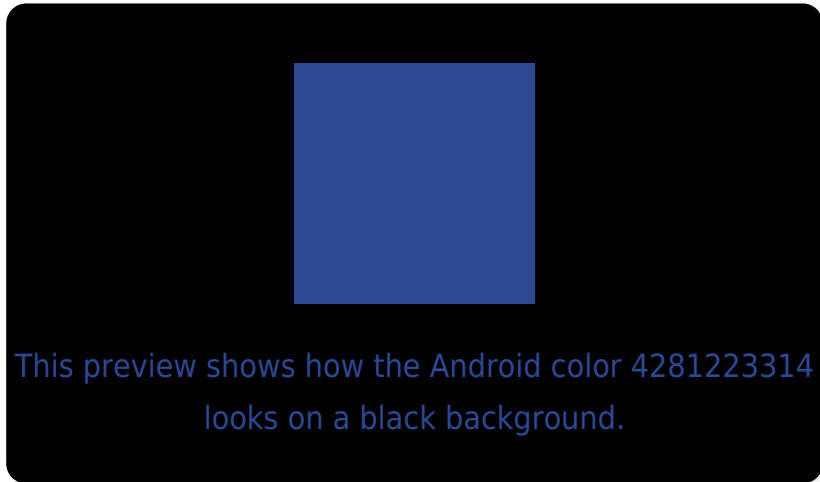
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281223314 Background



This preview shows how black text looks on a background with the Android color 4281223314.



This preview shows how white text looks on a background with the Android color 4281223314.

# 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**

4281223314

**Protanopia**

4280306324

**Deuteranopia**

4278210184



# Trichromacy



**Original Color**

4281223314

**Protanomaly**

4280633747

**Deuteranomaly**

4279323788

**Tritanomaly**

4279324783

# Monochromacy



**Original Color**

4281223314

**Achromatopsia**

4282992969

**Achromatomaly**

4282337636

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281223314 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(46, 72, 146)` looks like.

```
.text, #text, p{  
    color:rgb(46, 72, 146)  
}
```

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(46, 72, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 72, 146) }
```

## Border

The CSS property to change the border of an element to Android 4281223314 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(46, 72, 146) }
```

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

```
.border{ border-color:rgb(46, 72, 146) }
```

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

Here you see how a box with a 4 pixel rgb(46, 72, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 72, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 72, 146);  
box-shadow:4px 4px 4px 4px rgb(46, 72,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4281223314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 72, 146) }
```

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

```
.background{ background-color: rgb(46, 72,  
146) }
```

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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