

# Converting Colors

Android(4280441486)

Have a look what the booklet for  
Android(4280441486) contains.

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# Color

**Android(4280441486)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	225A8E
RGB	34, 90, 142
RGB Percent	13%, 35%, 56%
CMY	0.8667, 0.6471, 0.4431
CMYK	0.76, 0.37, 0.00, 0.44
HSL	209°, 61%, 35%
HSV	209°, 76%, 56%
XYZ	9.1983, 9.6054, 26.9604
YIQ	79.1840, -50.0680, 4.3000

# Conversions

## Conversions Part 2

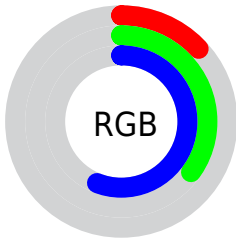
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 71, 142
Decimal	2251406
CIE Lab	37.12, 0.57, -33.99
CIE LCh	37, 34.000, 270.965
Yxy	9.6054, 0.2010, 0.2099
Android (android.graphics.Color)	4280441486 (0xFF225A8E)
YUV	79.1840, 30.9683, -39.6264
Hunter-Lab	30.9926, -1.2597, -29.8815

# Details

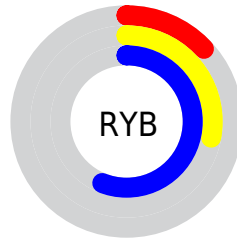
The Android color `4280441486` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287518242`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284386500`, and `4278201691` is the 20% darker color. If you saturate the color by 10%, you get `4279522190`, and if you desaturate by 10%, it is `4281360782`.

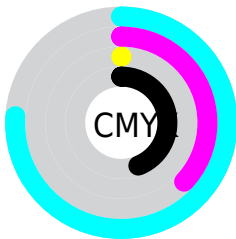
# Distribution



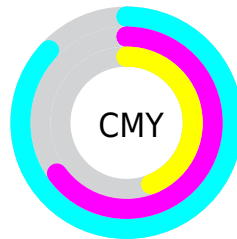
- Red (13%)
- Green (35%)
- Blue (56%)



- Red (13%)
- Yellow (28%)
- Blue (56%)



- Cyan (76%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (87%)
- Magenta (65%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280441486 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 4280441486 by changing the saturation by 10% instead.



■ 4280441486

■ 4280441486

4294967295

■ 4278207348

■ 4284386500

■ 4278201691

■ 4286228192

■ 4278196547

■ 4288070141

■ 4278190893

■ 4289912319

■ 4278190359

■ 4291820031

■ 4278190080

■ 4293787647

■ 4280441486

■ 4280441486

■ 4279522190

■ 4281360782

■ 4278602894

■ 4282280078

■ 4278209166

■ 4283264910

■ 4284183950

■ 4285103246

■ 4286022542

■ 4286941838

■ 4287926670

■ 4288845966

# Harmonies

## Analogous

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



4278215047



4280441486



4284108934

# Triad

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



4280441486



4287185725



4280640316

# Complementary

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



4280441486



4287518242

# 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.



4283063846



4280441486



4286336039

# Square

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



4280441486



4287184728



4284896798



4278216023

# Rectangle

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



4280441486



4285614202



4284896798



4281623091



# Sweetspot

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



4280441486



4287472568



4280454740



4282535772



4292598747



4284243036



# Same Dimension

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



4280441486



4279330744



4280428174



4282401863



4278208135



4278191112



# Inverse Universe

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



4287504986



4290253159



4287531554



4282859588



4287037510



4278714372



# Previews

## White Background



This preview shows how the Android color 4280441486 looks on a white background.

## Color Contrast Check

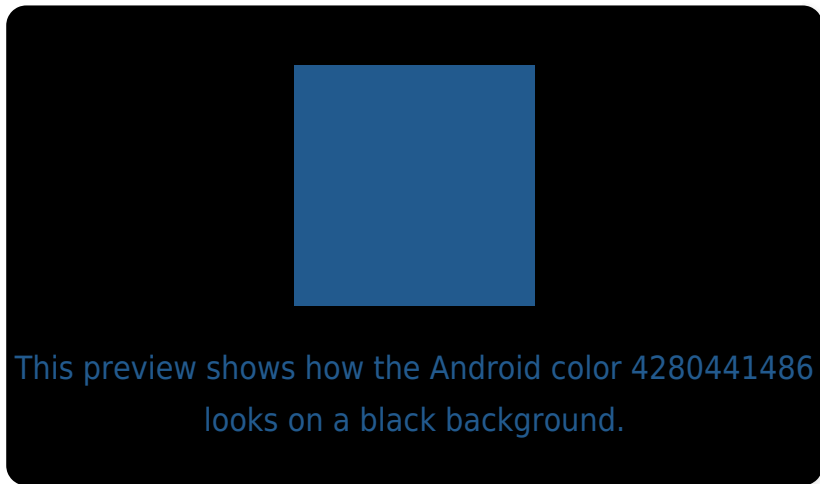
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280441486 Background



This preview shows how black text looks on a background with the Android color 4280441486.



This preview shows how white text looks on a background with the Android color 4280441486.

# 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**

4280441486

**Protanopia**

4282602890

**Deuteranopia**

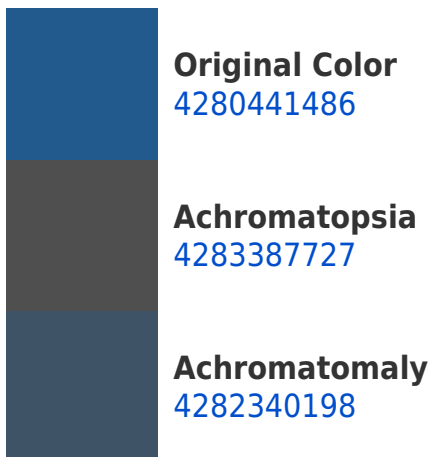
4281620367



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280441486 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(34, 90, 142)` looks like.

```
.text, #text, p{  
    color:rgb(34, 90, 142)  
}
```

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(34, 90, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 90, 142) }
```

## Border

The CSS property to change the border of an element to Android 4280441486 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(34, 90, 142) }
```

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

```
.border{ border-color:rgb(34, 90, 142) }
```

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

Here you see how a box with a 4 pixel rgb(34, 90, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 90, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 90, 142);  
box-shadow:4px 4px 4px 4px rgb(34, 90,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4280441486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 90, 142) }
```

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

```
.background{ background-color: rgb(34, 90,  
142) }
```

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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