

# Converting Colors

Android(4281217694)

Have a look what the booklet for  
Android(4281217694) contains.

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# Color

**Android(4281217694)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E329E
RGB	46, 50, 158
RGB Percent	18%, 20%, 62%
CMY	0.8196, 0.8039, 0.3804
CMYK	0.71, 0.68, 0.00, 0.38
HSL	238°, 55%, 40%
HSV	238°, 71%, 62%
XYZ	8.4389, 5.3307, 32.9319
YIQ	61.1160, -37.0520, 32.7400

# Conversions

## Conversions Part 2

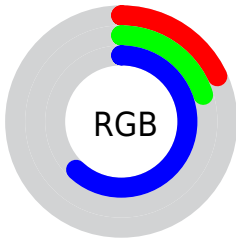
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 50, 158
Decimal	3027614
CIE Lab	27.66, 34.88, -58.98
CIE LCh	28, 68.523, 300.601
Yxy	5.3307, 0.1807, 0.1141
Android (android.graphics.Color)	4281217694 (0xFF2E329E)
YUV	61.1160, 47.7638, -13.2567
Hunter-Lab	23.0882, 24.8382, -68.4065

# Details

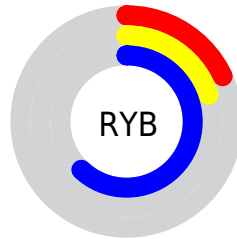
The Android color **4281217694** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4288584238**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4285293014**, and **4278192489** is the 20% darker color. If you saturate the color by 10%, you get **4280165278**, and if you desaturate by 10%, it is **4282270110**.

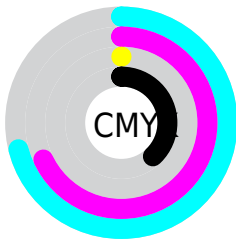
# Distribution



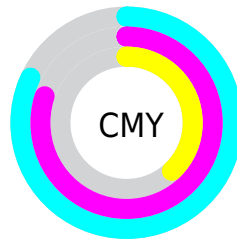
- Red (18%)
- Green (20%)
- Blue (62%)



- Red (18%)
- Yellow (20%)
- Blue (62%)



- Cyan (71%)
- Magenta (68%)
- Yellow (0%)
- Black (38%)




- Cyan (82%)
- Magenta (80%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281217694 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 4281217694 by changing the saturation by 10% instead.



 4281217694

 4281217694

4294967295

 4278197379

 4285293014

 4278192489

 4287134450

 4278190160

 4289041663

 4278191416

 4290949119


 4278190626

 4292922111

 4278190088

 4294895359

 4278190080

 4281217694

 4281217694

 4280165278

 4282270110

■ 4279112862

■ 4283322526

■ 4278191774

■ 4284309662

■ 4285362078

■ 4286414494

■ 4287466910

■ 4288519582

■ 4289506462

■ 4290558878

# Harmonies

## Analogous

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



4278208941



4281217694



4286382198

# Triad

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



4281217694



4286064128



4278211905

# Complementary

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



4281217694



4288584238

# 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.



4278211073



4281217694



4283449344

# Square

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



4281217694



4287758352



4279520512



4278211958

# Rectangle

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



4281217694



4287758420



4279520512



4278211630



# Sweetspot

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



4281217694



4288914895



4281245336



4283322217



4293454056



4285098345



# Same Dimension

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



4281217694



4280231375



4284493470



4282861391



4278191503



4278190351



# Inverse Universe

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



4288556594



4291764005



4285308462



4283385671



4287561733

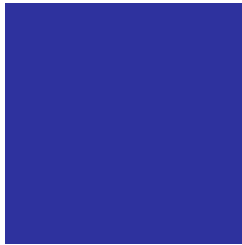


4279173121



# Previews

## White Background



This preview shows how the Android color 4281217694 looks on a white background.

## Color Contrast Check

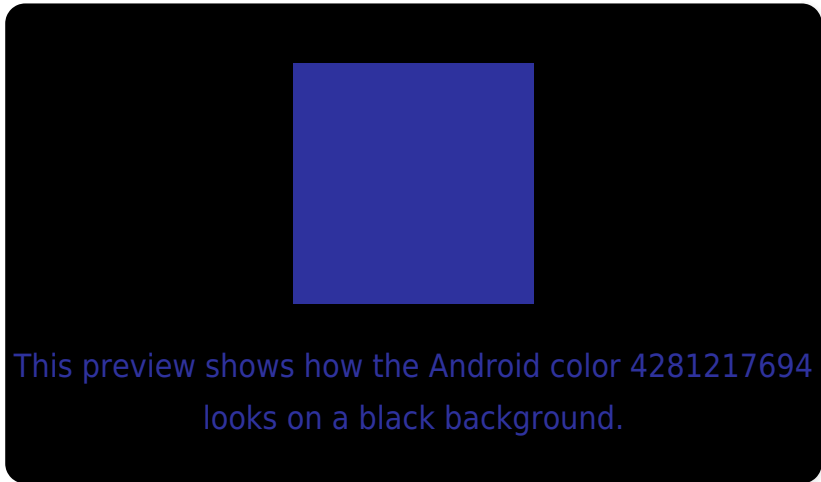
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281217694 Background



This preview shows how black text looks on a background with the Android color 4281217694.



This preview shows how white text looks on a background with the Android color 4281217694.

# 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**

4281217694

**Protanopia**

4278206341

**Deuteranopia**

4278207346



# Trichromacy



**Original Color**  
4281217694

**Protanomaly**  
4279319182

**Deuteranomaly**  
4279319938

**Tritanomaly**  
4279320938

# Monochromacy



**Original Color**  
4281217694

**Achromatopsia**  
4282203453

**Achromatomaly**  
4281874784

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281217694 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, 50, 158)` looks like.

```
.text, #text, p{  
    color:rgb(46, 50, 158)  
}
```

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, 50, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 50, 158) }
```

## Border

The CSS property to change the border of an element to Android 4281217694 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, 50, 158) }
```

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

```
.border{ border-color:rgb(46, 50, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 50, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 50, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 50, 158);  
box-shadow:4px 4px 4px 4px rgb(46, 50,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4281217694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 50, 158) }
```

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

```
.background{ background-color: rgb(46, 50,  
158) }
```

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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