

# Converting Colors

Android(4280103598)

Have a look what the booklet for  
Android(4280103598) contains.

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# Color

**Android(4280103598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D32AE
RGB	29, 50, 174
RGB Percent	11%, 20%, 68%
CMY	0.8863, 0.8039, 0.3176
CMYK	0.83, 0.71, 0.00, 0.32
HSL	231°, 71%, 40%
HSV	231°, 83%, 68%
XYZ	9.2873, 5.5984, 40.6355
YIQ	57.8570, -52.3200, 34.1120

# Conversions

## Conversions Part 2

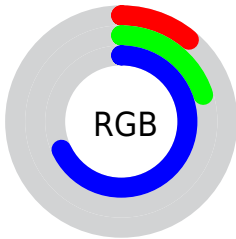
Format	Color
<a href="#">RYB</a>	<a href="#">29, 47, 174</a>
Decimal	<a href="#">1913518</a>
CIELab	<a href="#">28.38, 39.02, -67.48</a>
CIElCh	<a href="#">28, 77.954, 300.038</a>
Yxy	<a href="#">5.5984, 0.1673, 0.1008</a>
Android (android.graphics.Color)	<a href="#">4280103598 (0xFF1D32AE)</a>
YUV	<a href="#">57.8570, 57.2585, -25.3076</a>
Hunter-Lab	<a href="#">23.6610, 28.6572, -85.2624</a>




# Details

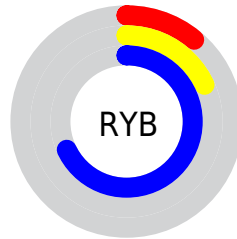
The Android color **4280103598** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4289632541**, and the grayscale version is **4281940281**.




A 20% lighter version of the original color is **4284899815**, and **4278192504** is the 20% darker color. If you saturate the color by 10%, you get **4278985646**, and if you desaturate by 10%, it is **4281221550**.

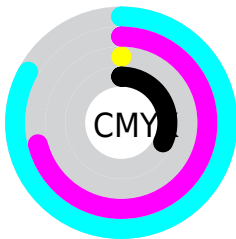
# Distribution







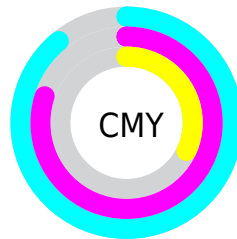
-  Red (11%)
-  Green (20%)
-  Blue (68%)






-  Red (11%)
-  Yellow (18%)
-  Blue (68%)



-  Cyan (83%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (89%)
-  Magenta (80%)
-  Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280103598 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 4280103598 by changing the saturation by 10% instead.



 4280103598

 4280103598

4294967295

 4278197651

 4284899815

 4278192504

 4286872319

 4278190175

 4288845055

 4278192198

 4290818047

 4278191150

 4292791039

 4278190361

 4294829823

 4278190080

 4280103598

 4280103598

 4278985646

 4281221550

■ 4278196654

■ 4282405038

■ 4283522990

■ 4284706478

■ 4285824174

■ 4286942126

■ 4288125614

■ 4289243566

■ 4290427054

# Harmonies

## Analogous

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



4278209983



4280103598



4286972032

# Triad

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



4280103598



4286587136



4278212674

# Complementary

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



4280103598



4289632541

# 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.



4278211840



4280103598



4283646208

# Square

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



4280103598



4288479243



4278406912



4278212991

# Rectangle

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



4280103598



4288479322



4278406912



4278212396



# Sweetspot

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



4280103598



4289376995



4280135320



4283454835



4294111986



4285756275



# Same Dimension

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



4280103598



4278198755



4283440558



4283322199



4278195862



4278190871



# Inverse Universe

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



4289600818



4293066785



4286295581



4283911759



4288020502

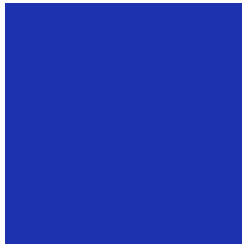


4279697411



# Previews

## White Background



This preview shows how the Android color 4280103598 looks on a white background.

## Color Contrast Check

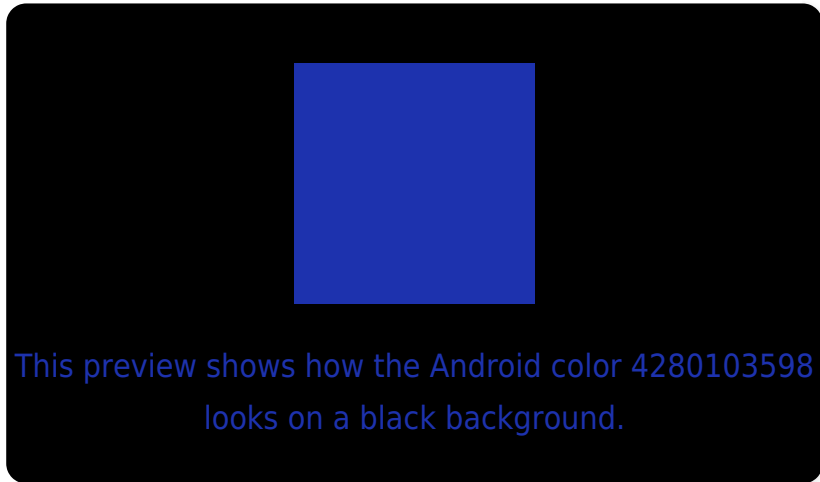
Large Text (above 18pt) WCAG AA ✓ Pass

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

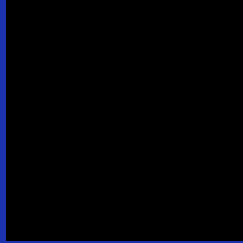
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280103598 Background



This preview shows how black text looks on a background with the Android color 4280103598.



This preview shows how white text looks on a background with the Android color 4280103598.

# 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**

4280103598

**Protanopia**

4278206856

**Deuteranopia**

4278207860



# Trichromacy



**Original Color**

4280103598

**Protanomaly**

4278926486

**Deuteranomaly**

4278926985

**Tritanomaly**

4278927729

# Monochromacy



**Original Color**

4280103598

**Achromatopsia**

4282006074

**Achromatomaly**

4281284452

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280103598 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(29, 50, 174)` looks like.

```
.text, #text, p{  
    color:rgb(29, 50, 174)  
}
```

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(29, 50, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 50, 174) }
```

## Border

The CSS property to change the border of an element to Android 4280103598 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(29, 50, 174) }
```

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

```
.border{ border-color:rgb(29, 50, 174) }
```

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

Here you see how a box with a 4 pixel rgb(29, 50, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 50, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 50, 174);  
box-shadow:4px 4px 4px 4px rgb(29, 50,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4280103598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 50, 174) }
```

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

```
.background{ background-color: rgb(29, 50,  
174) }
```

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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