

# Converting Colors

Android(4280104599)

Have a look what the booklet for  
Android(4280104599) contains.

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# Color

**Android(4280104599)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1D3697
RGB	29, 54, 151
RGB Percent	11%, 21%, 59%
CMY	0.8863, 0.7882, 0.4078
CMYK	0.81, 0.64, 0.00, 0.41
HSL	228°, 68%, 35%
HSV	228°, 81%, 59%
XYZ	7.4118, 5.1339, 29.8785
YIQ	57.5830, -46.0370, 24.8670

# Conversions

## Conversions Part 2

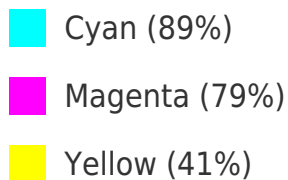
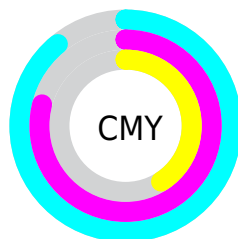
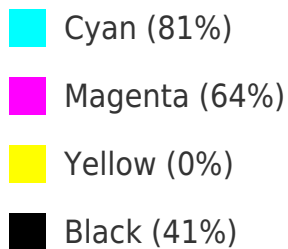
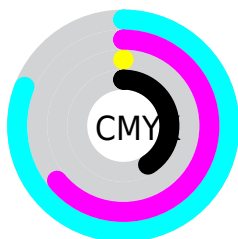
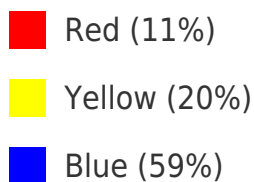
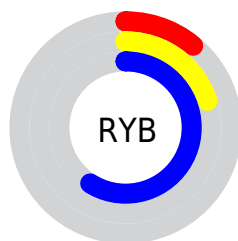
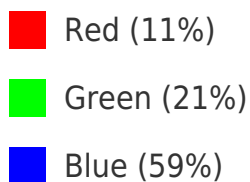
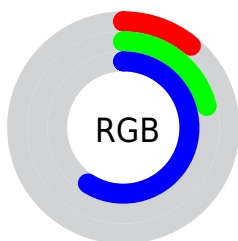
Format	Color
<a href="#">RYB</a>	<a href="#">29, 50, 151</a>
Decimal	<a href="#">1914519</a>
CIELab	<a href="#">27.11, 27.78, -55.63</a>
CIELCh	<a href="#">27, 62.185, 296.538</a>
Yxy	<a href="#">5.1339, 0.1747, 0.1210</a>
Android (android.graphics.Color)	<a href="#">4280104599</a> (0xFF1D3697)
YUV	<a href="#">57.5830, 46.0546, -25.0673</a>
Hunter-Lab	<a href="#">22.6581, 18.7380, -62.3229</a>

# Details

The Android color **4280104599** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4288118301**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4284441806**, and **4278193763** is the 20% darker color. If you saturate the color by 10%, you get **4279118487**, and if you desaturate by 10%, it is **4281090711**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4280104599 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 4280104599 by changing the saturation by 10% instead.



 4280104599

 4280104599

4294967295

 4278198653

 4284441806

 4278193763

 4286348779

 4278190154

 4288255999

 4278191155

 4290163455

 4278190621

 4292070911

 4278190080

 4294044415

 4280104599

 4280104599


 4279118487

 4281090711

 4278198167

 4282076823

 4283062935

 4284049047

 4285035159

 4286086807

 4287072919

 4288059031

 4289045143

# Harmonies

## Analogous

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



4278208929



4280104599



4285599606

# Triad

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



4280104599



4285998080



4278211129

# Complementary

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



4280104599



4288118301

# 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.



4278210304



4280104599



4283710720

# Square

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



4280104599



4287365145



4280633600



4278211434

# Rectangle

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



4280104599



4287037528



4280633600



4278210856



# Sweetspot

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



4280104599



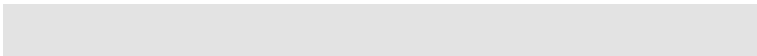
4287995844



4280129405



4282862947



4293125091



4284703587



# Same Dimension

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



4280104599



4278595012



4282391959



4282730061



4278197644



4278190861



# Inverse Universe

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



4288093494



4291036717



4285830941



4283254086



4287365149

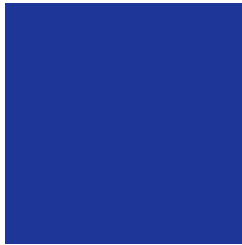


4279042051



# Previews

## White Background



This preview shows how the Android color 4280104599 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



This preview shows how the Android color 4280104599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

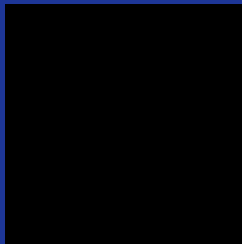
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4280104599 Background



This preview shows how black text looks on a background with the Android color 4280104599.



This preview shows how white text looks on a background with the Android color 4280104599.

# 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**

4280104599

**Protanopia**

4278206083

**Deuteranopia**

4278207088

# Trichromacy



**Original Color**

4280104599

**Protanomaly**

4278926218

**Deuteranomaly**

4278926974

# Monochromacy



**Original Color**

4280104599

**Achromatopsia**

4282006074

**Achromatomaly**

4281284956

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280104599 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, 54, 151)` looks like.

```
.text, #text, p{  
    color:rgb(29, 54, 151)  
}
```

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, 54, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 54, 151) }
```

## Border

The CSS property to change the border of an element to Android 4280104599 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, 54, 151) }
```

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

```
.border{ border-color:rgb(29, 54, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 54, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 54, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 54, 151);  
box-shadow:4px 4px 4px 4px rgb(29, 54,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4280104599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 54, 151) }
```

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

```
.background{ background-color: rgb(29, 54,  
151) }
```

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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