

# Converting Colors

Android(4282913415)

Have a look what the booklet for  
Android(4282913415) contains.

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# Color

**Android(4282913415)**

# Conversions

Conversions Part 1	
Format	Color
Hex	481287
RGB	72, 18, 135
RGB Percent	28%, 7%, 53%
CMY	0.7176, 0.9294, 0.4706
CMYK	0.47, 0.87, 0.00, 0.47
HSL	268°, 76%, 30%
HSV	268°, 87%, 53%
XYZ	7.2620, 3.5596, 23.2260
YIQ	47.4840, -5.3730, 47.8350

# Conversions

## Conversions Part 2

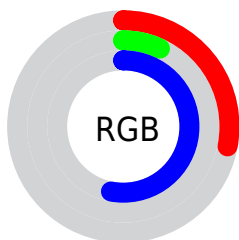
Format	Color
<a href="#">RYB</a>	<a href="#">72, 18, 135</a>
Decimal	<a href="#">4723335</a>
CIELab	<a href="#">22.16, 47.69, -53.71</a>
CIELCh	<a href="#">22, 71.826, 311.602</a>
Yxy	<a href="#">3.5596, 0.2133, 0.1045</a>
Android (android.graphics.Color)	<a href="#">4282913415</a> (0xFF481287)
YUV	<a href="#">47.4840, 43.1454, 21.5005</a>
Hunter-Lab	<a href="#">18.8669, 35.6885, -59.7818</a>

# Details

The Android color **4282913415** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283533074**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4286531261**, and **4279042132** is the 20% darker color. If you saturate the color by 10%, you get **4282451079**, and if you desaturate by 10%, it is **4283375495**.

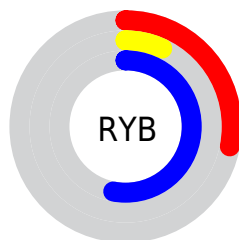
# Distribution



Red (28%)

Green (7%)

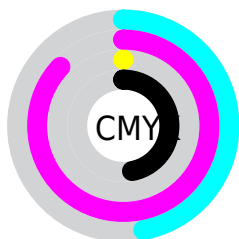
Blue (53%)



Red (28%)

Yellow (7%)

Blue (53%)

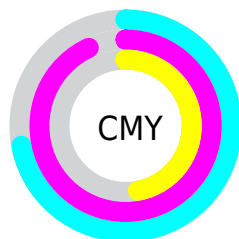


Cyan (47%)

Magenta (87%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (93%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282913415 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 4282913415 by changing the saturation by 10% instead.



 4282913415

 4282913415

4294967295

 4281008237

 4286531261

 4279042132

 4288372698

 4278190140

 4290279926

 4278190629

 4292187391

 4278190350

 4294094847

 4278190080

 4294953983

 4294961407

 4282913415

 4282913415

 4282451079

 4283375495

 4282253447

 4283903367

 4284365447

 4284827783

 4285290119

 4285817735

 4286280071

 4286742151

 4287204231

# Harmonies

## Analogous

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



4278204321



4282913415



4286447704

# Triad

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



4282913415



4284228864



4278208329

# Complementary

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



4282913415



4283533074

# 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.



4278208015



4282913415



4281285120

# Square

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



4282913415



4286316544



4278206976



4278208637

# Rectangle

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



4282913415



4287234101



4278206976



4278208311



# Sweetspot

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



4282913415



4288119472



4279390855



4283055705



4292467161



4284045657



# Same Dimension

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



4282913415



4283498672



4286648967



4282334274



4282122370



4278255619



# Inverse Universe

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



4287042129



4289724511



4279797522



4282530879



4286709830

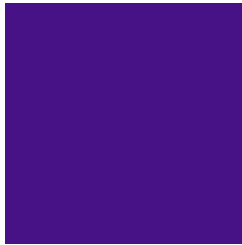


4278386689



# Previews

## White Background



This preview shows how the Android color 4282913415 looks on a white background.

## Color Contrast Check

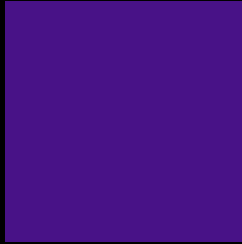
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282913415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

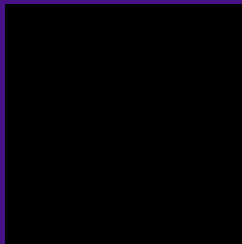
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282913415 Background



This preview shows how black text looks on a background with the Android color 4282913415.



This preview shows how white text looks on a background with the Android color 4282913415.

# 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**

4282913415

**Protanopia**




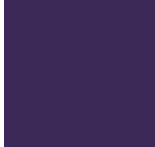
4278203759

**Deuteranopia**




4278204511



# Trichromacy

	<b>Original Color</b> 4282913415
	<b>Protanomaly</b> 4279904376
	<b>Deuteranomaly</b> 4279904878
	<b>Tritanomaly</b> 4282132823

# Monochromacy

	<b>Original Color</b> 4282913415
	<b>Achromatopsia</b> 4281282351
	<b>Achromatomaly</b> 4281869391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282913415 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(72, 18, 135)` looks like.

```
.text, #text, p{  
    color:rgb(72, 18, 135)  
}
```

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(72, 18, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 18, 135) }
```

## Border

The CSS property to change the border of an element to Android 4282913415 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(72, 18, 135) }
```

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

```
.border{ border-color:rgb(72, 18, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 18, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 18, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 18, 135);  
box-shadow:4px 4px 4px 4px rgb(72, 18,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4282913415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(72, 18, 135) }
```

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

```
.background{ background-color:rgb(72, 18,  
135) }
```

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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