

# Converting Colors

Android(4278793385)

Have a look what the booklet for  
Android(4278793385) contains.

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# Color

**Android(4278793385)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0934A9
RGB	9, 52, 169
RGB Percent	4%, 20%, 66%
CMY	0.9647, 0.7961, 0.3373
CMYK	0.95, 0.69, 0.00, 0.34
HSL	224°, 90%, 35%
HSV	224°, 95%, 66%
XYZ	8.5021, 5.3786, 38.1262
YIQ	52.4810, -63.1850, 27.2710

# Conversions

## Conversions Part 2

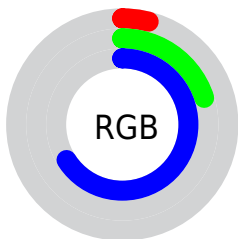
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 43, 169
Decimal	603305
CIE <sub>Lab</sub>	27.79, 34.88, -65.47
CIE <sub>LCh</sub>	28, 74.181, 298.043
Yxy	5.3786, 0.1635, 0.1034
Android (android.graphics.Color)	4278793385 (0xFF0934A9)
YUV	52.4810, 57.4439, -38.1328
Hunter-Lab	23.1919, 24.8518, -81.2352

# Details

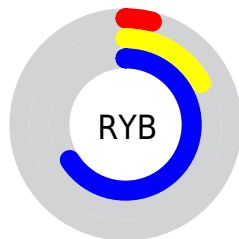
The Android color `4278793385` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289297929`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4284375777`, and `4278193524` is the 20% darker color. If you saturate the color by 10%, you get `4278201769`, and if you desaturate by 10%, it is `4279910569`.

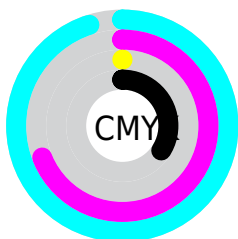
# Distribution



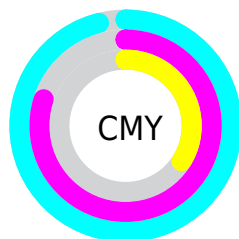
- Red (4%)
- Green (20%)
- Blue (66%)



- Red (4%)
- Yellow (17%)
- Blue (66%)



- Cyan (95%)
- Magenta (69%)
- Yellow (0%)
- Black (34%)



- Cyan (96%)
- Magenta (80%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278793385 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 4278793385 by changing the saturation by 10% instead.



 4278793385

 4278793385

4294967295

 4278198158

 4284375777

 4278193524

 4286348286

 4278190170

 4288321023

 4278191938

 4290294015

 4278190890

 4292267007

 4278190357

 4294240511

 4278190080

 4278793385

 4278793385

 4278201769

 4279910569

■ 4281028009

■ 4282145193

■ 4283262377

■ 4284379817

■ 4285431465

■ 4286548905

■ 4287666089

■ 4288783273

# Harmonies

## Analogous

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



4278209719



4278793385



4286447743

# Triad

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



4278793385



4286455552



4278212156

# Complementary

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



4278793385



4289297929

# 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.



4278211328



4278793385



4283776768

# Square

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



4278793385



4288217105



4279520512



4278212471

# Rectangle

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



4278793385



4288020571



4279520512



4278211880



# Sweetspot

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



4278793385



4288589531



4278823292



4282929774



4293783021



4285427310



# Same Dimension

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



4278793385



4278205403



4281076137



4283190868



4278200468



4278191380



# Inverse Universe

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



4289268020



4292542523



4287015177



4283714638



4287889448



4279500805



# Previews

## White Background



This preview shows how the Android color 4278793385 looks on a white background.

## Color Contrast Check

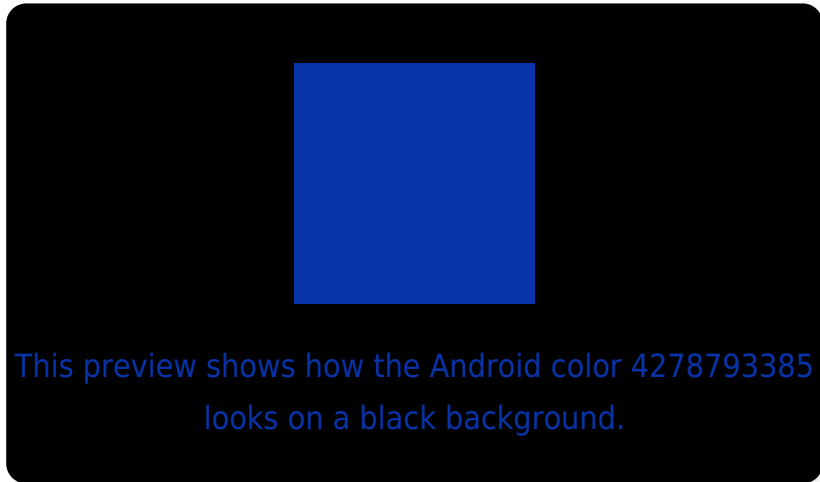
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278793385 Background



This preview shows how black text looks on a background with the Android color 4278793385.



This preview shows how white text looks on a background with the Android color 4278793385.

# 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**

4278793385

**Protanopia**

4278206342

**Deuteranopia**

4278207602



# Trichromacy



**Original Color**

4278793385

**Protanomaly**

4278401939

**Deuteranomaly**

4278402694

**Tritanomaly**

4278403438

# Monochromacy



**Original Color**

4278793385

**Achromatopsia**

4281611316

**Achromatomaly**

4280562783

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278793385 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(9, 52, 169)` looks like.

```
.text, #text, p{  
    color:rgb(9, 52, 169)  
}
```

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(9, 52, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 52, 169) }
```

## Border

The CSS property to change the border of an element to Android 4278793385 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(9, 52, 169) }
```

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

```
.border{ border-color:rgb(9, 52, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 52, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 52, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 52, 169);  
box-shadow:4px 4px 4px 4px rgb(9, 52, 169)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278793385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 52, 169) }
```

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

```
.background{ background-color: rgb(9, 52,  
169) }
```

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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