

# Converting Colors

Android(4278997402)

Have a look what the booklet for  
Android(4278997402) contains.

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# Color

**Android(4278997402)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C519A
RGB	12, 81, 154
RGB Percent	5%, 32%, 60%
CMY	0.9529, 0.6824, 0.3961
CMYK	0.92, 0.47, 0.00, 0.40
HSL	211°, 86%, 33%
HSV	211°, 92%, 60%
XYZ	8.9268, 8.2961, 31.7027
YIQ	68.6910, -64.5570, 8.0750

# Conversions

## Conversions Part 2

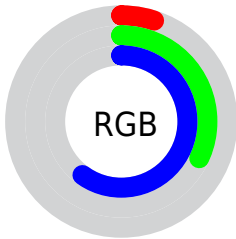
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 58, 154
Decimal	807322
CIELab	34.59, 9.21, -45.33
CIElCh	35, 46.257, 281.482
Yxy	8.2961, 0.1825, 0.1696
Android (android.graphics.Color)	4278997402 (0xFF0C519A)
YUV	68.6910, 42.0573, -49.7180
Hunter-Lab	28.8030, 4.9165, -45.0968

# Details

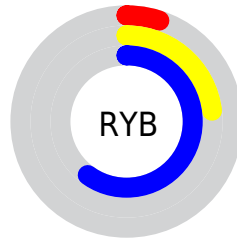
The Android color `4278997402` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288304396`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283925201`, and `4278199910` is the 20% darker color. If you saturate the color by 10%, you get `4278209434`, and if you desaturate by 10%, it is `4279982490`.

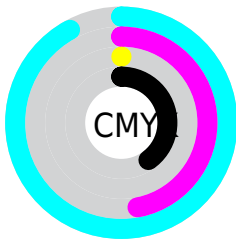
# Distribution



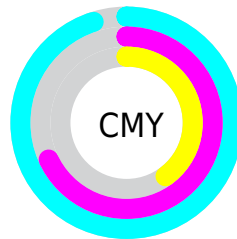
- Red (5%)
- Green (32%)
- Blue (60%)



- Red (5%)
- Yellow (23%)
- Blue (60%)



- Cyan (92%)
- Magenta (47%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (68%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278997402 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 4278997402 by changing the saturation by 10% instead.





4278997402



4278997402

4294967295



4278205056



4283925201



4278199910



4285897966



4278194510



4287805183



4278191414



4289712895



4278190624



4291620607



4278190084



4293525503



4278190080



4278997402



4278997402



4278209434



4279982490

■ 4281033114

■ 4282018202

■ 4283068826

■ 4284053914

■ 4285039002

■ 4286089370

■ 4287074458

■ 4288125082

# Harmonies

## Analogous

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



4278213783



4278997402



4284760457

# Triad

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



4278997402



4287313698



4278214968

# Complementary

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



4278997402



4288304396

# 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.



4281097236



4278997402



4285875968

# Square

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



4278997402



4287834949



4283847680



4278215263

# Rectangle

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



4278997402



4286526837



4283847680



4278214700



# Sweetspot

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



4278997402



4287737033



4279016019



4282602598



4293322470



4284900966



# Same Dimension

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



4278997402



4278215369



4278979738



4282730829



4278207628



4278191629



# Inverse Universe

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



4288285777



4291362914



4288322060



4283254089



4287365188



4279042054



# Previews

## White Background



This preview shows how the Android color 4278997402 looks on a white background.

## Color Contrast Check

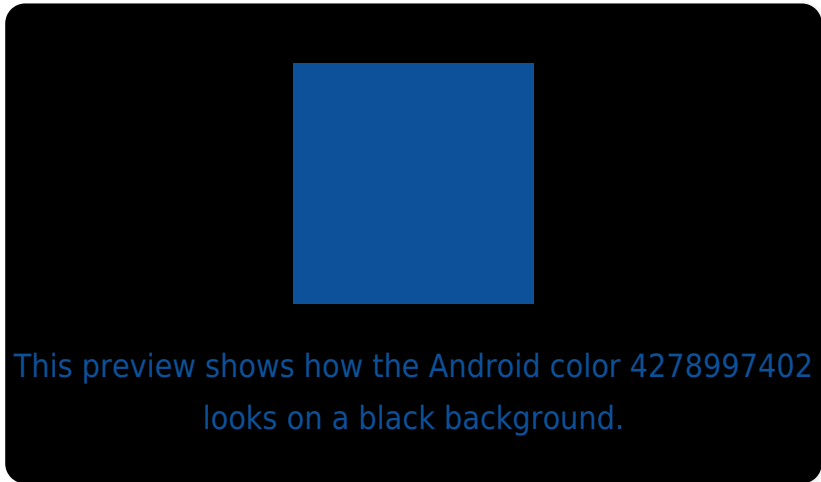
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278997402 Background



This preview shows how black text looks on a background with the Android color 4278997402.



This preview shows how white text looks on a background with the Android color 4278997402.

# 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**

4278997402

**Protanopia**

4281028504

**Deuteranopia**

4278211473



# Trichromacy



**Original Color**

4278997402

**Protanomaly**

4280307865

**Deuteranomaly**

4278473364

**Tritanomaly**

4278474613

# Monochromacy



**Original Color**

4278997402

**Achromatopsia**

4282729797

**Achromatomaly**

4281354596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278997402 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(12, 81, 154)` looks like.

```
.text, #text, p{  
    color:rgb(12, 81, 154)  
}
```

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(12, 81, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 81, 154) }
```

## Border

The CSS property to change the border of an element to Android 4278997402 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(12, 81, 154) }
```

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

```
.border{ border-color:rgb(12, 81, 154) }
```

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

Here you see how a box with a 4 pixel rgb(12, 81, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 81, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 81, 154);  
box-shadow:4px 4px 4px 4px rgb(12, 81,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4278997402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 81, 154) }
```

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

```
.background{ background-color: rgb(12, 81,  
154) }
```

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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