

# Converting Colors

Android(4284687012)

Have a look what the booklet for  
Android(4284687012) contains.

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# Color

**Android(4284687012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6322A4
RGB	99, 34, 164
RGB Percent	39%, 13%, 64%
CMY	0.6118, 0.8667, 0.3569
CMYK	0.40, 0.79, 0.00, 0.36
HSL	270°, 66%, 39%
HSV	270°, 79%, 64%
XYZ	12.4185, 6.4770, 35.7176
YIQ	68.2550, -2.9900, 54.2100

# Conversions

## Conversions Part 2

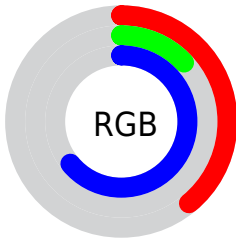
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 34, 164
Decimal	6496932
CIELab	30.59, 52.92, -57.61
CIElCh	31, 78.227, 312.566
Yxy	6.4770, 0.2274, 0.1186
Android (android.graphics.Color)	4284687012 (0xFF6322A4)
YUV	68.2550, 47.2023, 26.9634
Hunter-Lab	25.4500, 42.5623, -65.3950

# Details

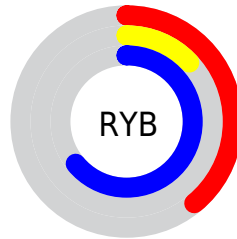
The Android color `4284687012` is a dark color, and the websafe version is hex `660099`. A complement of this color would be `4284720162`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4288370652`, and `4280877167` is the 20% darker color. If you saturate the color by 10%, you get `4284158628`, and if you desaturate by 10%, it is `4285215396`.

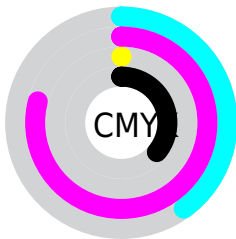
# Distribution



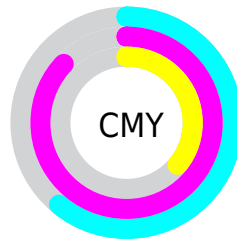
- Red (39%)
- Green (13%)
- Blue (64%)



- Red (39%)
- Yellow (13%)
- Blue (64%)



- Cyan (40%)
- Magenta (79%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (87%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284687012 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 4284687012 by changing the saturation by 10% instead.





4284687012



4284687012

4294967295



4282843273



4288370652



4280877167



4290277881



4278845526



4292185087



4278190141



4294158335



4278190887



4294951935



4278190352



4294959103



4278190080



4294966527



4284687012



4284687012

■ 4284158628

■ 4285215396

■ 4283629988

■ 4285744036

■ 4283564196

■ 4286337956

■ 4286866596

■ 4287394980

■ 4287923364

■ 4288452004

■ 4289045924

■ 4289574564

# Harmonies

## Analogous

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



4278208963



4284687012



4288479342

# Triad

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



4284687012



4285871872



4278214241

# Complementary

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



4284687012



4284720162

# 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.



4278213664



4284687012



4282469888

# Square

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



4284687012



4288348160



4278212608



4278214555

# Rectangle

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



4284687012



4289331270



4278212608



4278214220



# Sweetspot

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



4284687012



4290552790



4280443812



4284238955



4293651435



4285229931



# Same Dimension

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



4284687012



4285533142



4288946852



4283320658



4282974353



4278779922



# Inverse Universe

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



4288946787



4292217712



4280460322



4283582798



4287692873

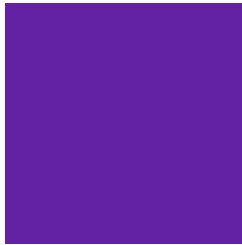


4279369737



# Previews

## White Background



This preview shows how the Android color 4284687012 looks on a white background.

## Color Contrast Check

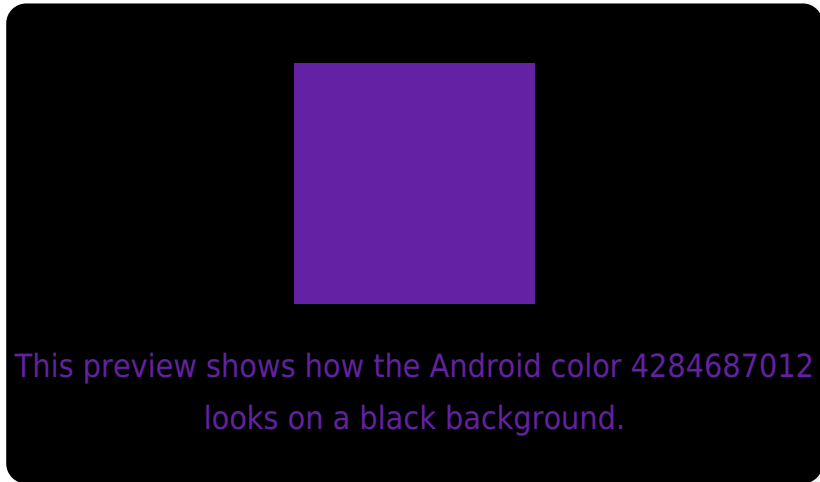
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284687012 Background



This preview shows how black text looks on a background with the Android color 4284687012.



This preview shows how white text looks on a background with the Android color 4284687012.

# 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**  
4284687012

**Protanopia**  
4278208148

**Deuteranopia**  
4278209408



# Trichromacy



**Original Color**  
4284687012



**Protanomaly**  
4280564122



**Deuteranomaly**  
4280564877



**Tritanomaly**  
4283906411

# Monochromacy



**Original Color**  
4284687012



**Achromatopsia**  
4282664004



**Achromatomaly**  
4283381863

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284687012 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(99, 34, 164)` looks like.

```
.text, #text, p{  
    color:rgb(99, 34, 164)  
}
```

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(99, 34, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 34, 164) }
```

## Border

The CSS property to change the border of an element to Android 4284687012 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(99, 34, 164) }
```

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

```
.border{ border-color:rgb(99, 34, 164) }
```

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

Here you see how a box with a 4 pixel rgb(99, 34, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 34, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 34, 164);  
box-shadow:4px 4px 4px 4px rgb(99, 34,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4284687012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 34, 164) }
```

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

```
.background{ background-color: rgb(99, 34,  
164) }
```

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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