

# Converting Colors

Android(4286072422)

Have a look what the booklet for  
Android(4286072422) contains.

<b>Android(4286072422)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4286072422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784666
RGB	120, 70, 102
RGB Percent	47%, 27%, 40%
CMY	0.5294, 0.7255, 0.6000
CMYK	0.00, 0.42, 0.15, 0.53
HSL	322°, 26%, 37%
HSV	322°, 42%, 47%
XYZ	12.3342, 9.3327, 13.7217
YIQ	88.5980, 19.5280, 20.5520

# Conversions

## Conversions Part 2

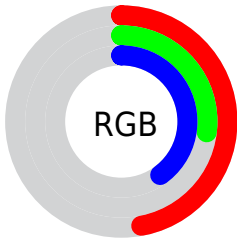
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 70, 102
Decimal	7882342
CIE <sub>Lab</sub>	36.62, 26.34, -9.55
CIE <sub>LCh</sub>	37, 28.020, 340.067
Yxy	9.3327, 0.3485, 0.2637
Android (android.graphics.Color)	4286072422 (0xFF784666)
YUV	88.5980, 6.6072, 27.5396
Hunter-Lab	30.5495, 18.6067, -5.2462

# Details

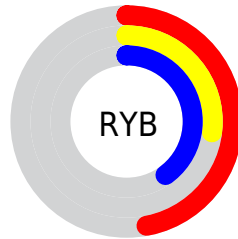
The Android color `4286072422` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4282808408`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4289558425`, and `4282783799` is the 20% darker color. If you saturate the color by 10%, you get `4286069346`, and if you desaturate by 10%, it is `4286075498`.

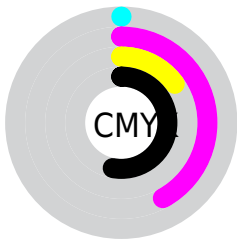
# Distribution



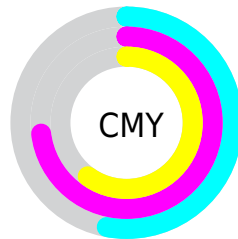
- Red (47%)
- Green (27%)
- Blue (40%)



- Red (47%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286072422 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 4286072422 by changing the saturation by 10% instead.





4286072422



4286072422

4294967295



4284428110



4289558425



4282783799



4291400372



4281205026



4293307599



4279631882



4294953196



4278190080



4294960383



4286072422



4286072422



4286069346



4286075498



4286066269



4286078575

■ 4286063193

■ 4286081651

■ 4286060117

■ 4286084727

■ 4286057040

■ 4286087804

■ 4286054477

■ 4286090880

■ 4286093956

■ 4286097033

■ 4286100109

# Harmonies

## Analogous

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



4284632441



4286072422



4286661711

# Triad

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



4286072422



4284307241



4278215026

# Complementary

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



4286072422



4282808408

# 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.



4278215261



4286072422



4282670387

# Square

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



4286072422



4285616172



4280639814



4278279552

# Rectangle

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



4286072422



4286596673



4280639814



4278215020



# Sweetspot

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



4286072422



4288448404



4283909752



4283384394



4291809231



4283387727



# Same Dimension

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



4286072422



4288433792



4286072398



4282201915



4286382160



4294705314



# Inverse Universe

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



4286072422



4288433792



4282808432



4282201915



4286382160

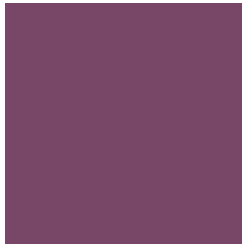


4294705314



# Previews

## White Background



This preview shows how the Android color 4286072422 looks on a white background.

## Color Contrast Check

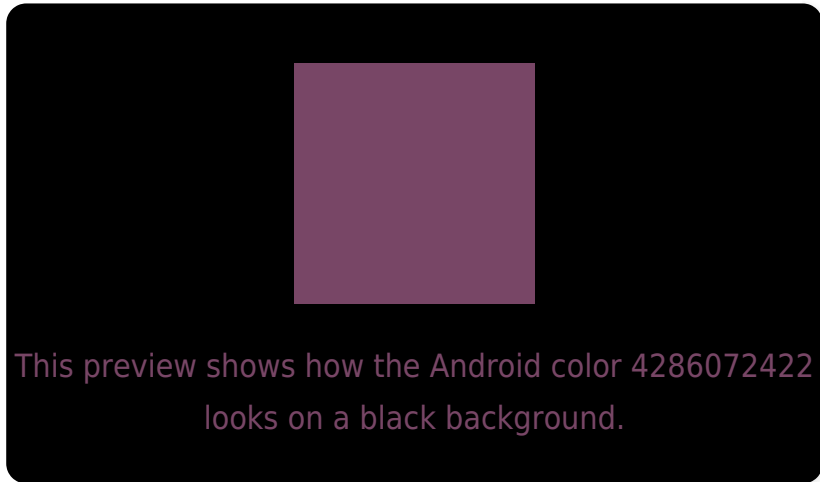
Large Text (above 18pt) WCAG AA ✓ Pass

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

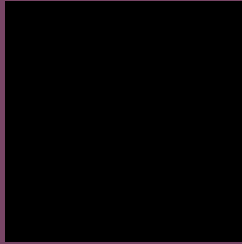
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286072422 Background



This preview shows how black text looks on a background with the Android color 4286072422.



This preview shows how white text looks on a background with the Android color 4286072422.

# 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**

4286072422

**Protanopia**

4283389553

**Deuteranopia**

4284044387



# Trichromacy



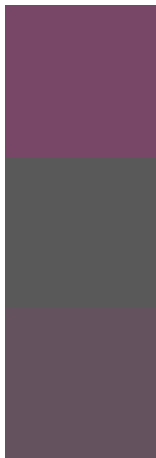
**Original Color**  
4286072422

**Protanomaly**  
4284371053

**Deuteranomaly**  
4284764004

**Tritanomaly**  
4286007640

# Monochromacy



**Original Color**  
4286072422

**Achromatopsia**  
4284045657

**Achromatomaly**  
4284764766

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286072422 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(120, 70, 102)` looks like.

```
.text, #text, p{  
    color:rgb(120, 70, 102)  
}
```

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(120, 70, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 70, 102) }
```

## Border

The CSS property to change the border of an element to Android 4286072422 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(120, 70, 102) }
```

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

```
.border{ border-color:rgb(120, 70, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 70, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 70, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 70, 102);  
box-shadow:4px 4px 4px 4px rgb(120, 70,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4286072422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 70, 102) }
```

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

```
.background{ background-color: rgb(120, 70,  
102) }
```

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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