

# Converting Colors

Android(4282525322)

Have a look what the booklet for  
Android(4282525322) contains.

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# Color

**Android(4282525322)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42268A
RGB	66, 38, 138
RGB Percent	26%, 15%, 54%
CMY	0.7412, 0.8510, 0.4588
CMYK	0.52, 0.72, 0.00, 0.46
HSL	257°, 57%, 35%
HSV	257°, 72%, 54%
XYZ	7.5273, 4.3795, 24.4933
YIQ	57.7720, -15.4120, 37.0360

# Conversions

## Conversions Part 2

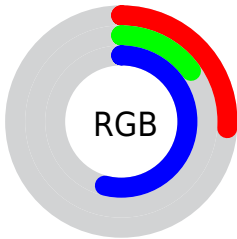
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 38, 138
Decimal	4335242
CIE <sub>Lab</sub>	24.89, 38.48, -51.14
CIE <sub>LCh</sub>	25, 63.997, 306.958
Yxy	4.3795, 0.2068, 0.1203
Android (android.graphics.Color)	4282525322 (0xFF42268A)
YUV	57.7720, 39.5524, 7.2160
Hunter-Lab	20.9271, 27.5825, -54.7446

# Details

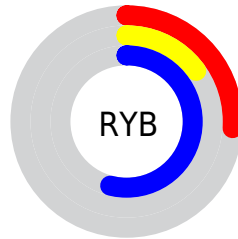
The Android color `4282525322` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4285434406`, and the grayscale version is `4281940281`.

A 20% lighter version of the original color is `4286142144`, and `4278190167` is the 20% darker color. If you saturate the color by 10%, you get `4281866378`, and if you desaturate by 10%, it is `4283184266`.

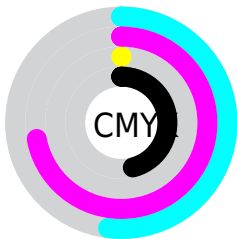
# Distribution



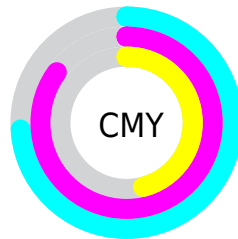
- Red (26%)
- Green (15%)
- Blue (54%)



- Red (26%)
- Yellow (15%)
- Blue (54%)



- Cyan (52%)
- Magenta (72%)
- Yellow (0%)
- Black (46%)



- Cyan (74%)
- Magenta (85%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282525322 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 4282525322 by changing the saturation by 10% instead.





4282525322



4282525322

4294967295



4280618864



4286142144



4278190167



4287983581



4278190143



4289825017



4278190888



4291666943



4278190353



4293639935



4278190080



4294957823



4294965247



4282525322



4282525322

■ 4281866378

■ 4283184266

■ 4281207434

■ 4283843210

■ 4280746122

■ 4284501898

■ 4285160842

■ 4285819786

■ 4286478730

■ 4287137674

■ 4287730826

■ 4288389770

# Harmonies

## Analogous

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



4278206366



4282525322



4286185570

# Triad

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



4282525322



4284885248



4278209862

# Complementary

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



4282525322



4285434406

# 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.



4278209296



4282525322



4282400000

# Square

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



4282525322



4286644224



4278208256



4278209909

# Rectangle

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



4282525322



4287103042



4278208256



4278209845



# Sweetspot

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



4282525322



4288056243



4280709002



4282991193



4292467161



4284045657



# Same Dimension

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



4282525322



4282587059



4285736586



4282400325



4280615045



4278255621



# Inverse Universe

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



4287243886



4289927047



4282223142



4282728003



4286906463



4278517764



# Previews

## White Background



This preview shows how the Android color 4282525322 looks on a white background.

## Color Contrast Check

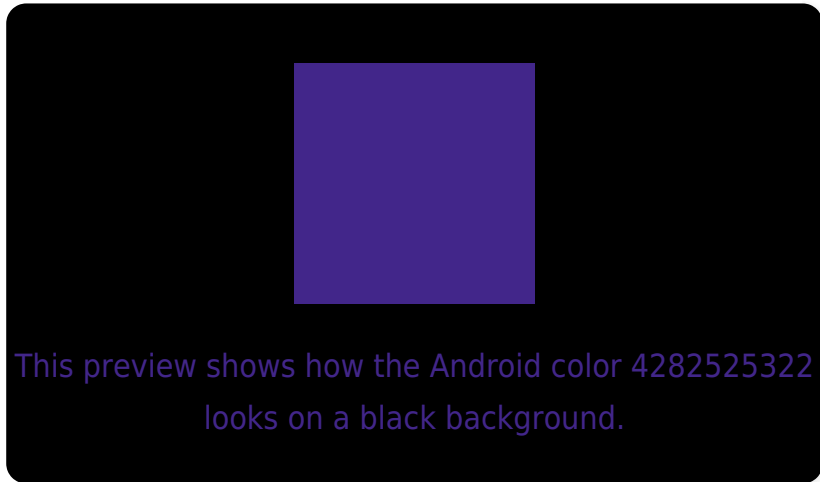
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282525322 Background



This preview shows how black text looks on a background with the Android color 4282525322.



This preview shows how white text looks on a background with the Android color 4282525322.

# 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**  
4282525322

**Protanopia**  
4278204793

**Deuteranopia**  
4278205800



# Trichromacy



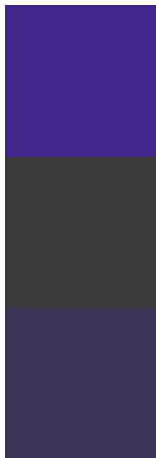
**Original Color**  
4282525322

**Protanomaly**  
4279775871

**Deuteranomaly**  
4279776628

**Tritanomaly**  
4281611869

# Monochromacy



**Original Color**  
4282525322

**Achromatopsia**  
4282006074

**Achromatomaly**  
4282200919

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282525322 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(66, 38, 138)` looks like.

```
.text, #text, p{  
    color:rgb(66, 38, 138)  
}
```

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(66, 38, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 38, 138) }
```

## Border

The CSS property to change the border of an element to Android 4282525322 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(66, 38, 138) }
```

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

```
.border{ border-color:rgb(66, 38, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 38, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 38, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 38, 138);  
box-shadow:4px 4px 4px 4px rgb(66, 38,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4282525322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 38, 138) }
```

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

```
.background{ background-color: rgb(66, 38,  
138) }
```

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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