

# Converting Colors

Android(4282930312)

Have a look what the booklet for  
Android(4282930312) contains.

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# Color

**Android(4282930312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	485488
RGB	72, 84, 136
RGB Percent	28%, 33%, 53%
CMY	0.7176, 0.6706, 0.4667
CMYK	0.47, 0.38, 0.00, 0.47
HSL	229°, 31%, 41%
HSV	229°, 47%, 53%
XYZ	10.2867, 9.4959, 24.5833
YIQ	86.3400, -23.8440, 13.6280

# Conversions

## Conversions Part 2

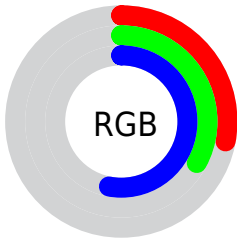
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 82, 136
Decimal	4740232
CIE <sub>Lab</sub>	36.92, 10.16, -30.54
CIE <sub>LCh</sub>	37, 32.186, 288.410
Yxy	9.4959, 0.2319, 0.2140
Android (android.graphics.Color)	4282930312 (0xFF485488)
YUV	86.3400, 24.4824, -12.5762
Hunter-Lab	30.8155, 5.6593, -25.7282

# Details

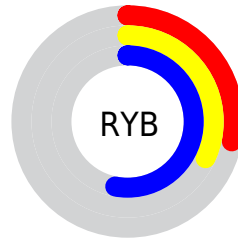
The Android color `4282930312` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287134792`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4286350782`, and `4279445334` is the 20% darker color. If you saturate the color by 10%, you get `4282009992`, and if you desaturate by 10%, it is `4283850632`.

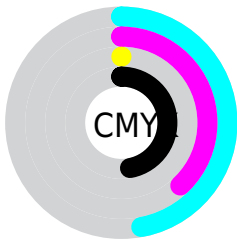
# Distribution



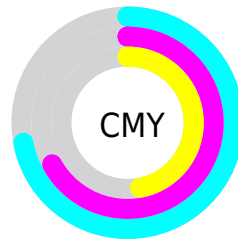
- Red (28%)
- Green (33%)
- Blue (53%)



- Red (28%)
- Yellow (32%)
- Blue (53%)



- Cyan (47%)
- Magenta (38%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (67%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282930312 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 4282930312 by changing the saturation by 10% instead.





4282930312



4282930312

4294967295



4281220462



4286350782



4279445334



4288126938



4278195262



4289903350



4278190888



4291745535



4278190354



4293653247



4278190080



4282930312



4282930312



4282009992



4283850632



4281155208



4284705416

■ 4280234888

■ 4285625736

■ 4279380104

■ 4286480520

■ 4278459784

■ 4287400840

■ 4278196872

■ 4288321160

■ 4289175944

■ 4290096264

■ 4290951048

# Harmonies

## Analogous

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



4278214025



4282930312



4285352569

# Triad

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



4282930312



4286597169



4278215500

# Complementary

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



4282930312



4287134792

# 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.



4281884723



4282930312



4285485603

# Square

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



4282930312



4287119688



4283849251



4278215782

# Rectangle

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



4282930312



4286334058



4283849251



4280050499



# Sweetspot

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



4282930312



4288126128



4282943611



4283059545



4292467161



4284045657



# Same Dimension

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



4282930312



4283261104



4284172424



4282269509



4278196613



4278190341



# Inverse Universe

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



4287121492



4289744224



4285892680



4282727999



4286906393



4278517761



# Previews

## White Background



This preview shows how the Android color 4282930312 looks on a white background.

## Color Contrast Check

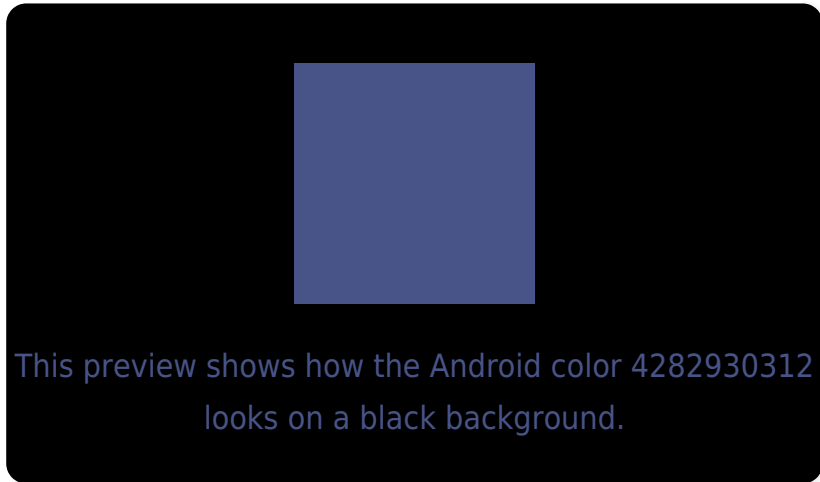
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282930312 Background



This preview shows how black text looks on a background with the Android color 4282930312.



This preview shows how white text looks on a background with the Android color 4282930312.

# 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**

4282930312

**Protanopia**

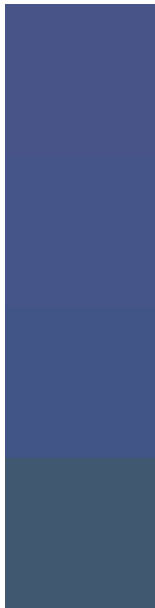
4282602889

**Deuteranopia**

4282210183



# Trichromacy



**Original Color**  
4282930312

**Protanomaly**  
4282733961

**Deuteranomaly**  
4282472071

**Tritanomaly**  
4282472816

# Monochromacy



**Original Color**  
4282930312

**Achromatopsia**  
4283848278

**Achromatomaly**  
4283520360

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282930312 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(72, 84, 136)` looks like.

```
.text, #text, p{  
    color:rgb(72, 84, 136)  
}
```

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(72, 84, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 84, 136) }
```

## Border

The CSS property to change the border of an element to Android 4282930312 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(72, 84, 136) }
```

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

```
.border{ border-color:rgb(72, 84, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 84, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 84, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 84, 136);  
box-shadow:4px 4px 4px 4px rgb(72, 84,  
136) }
```

# Background

The CSS property to change the background color of an element to Android 4282930312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 84, 136) }
```

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

```
.background{ background-color: rgb(72, 84,  
136) }
```

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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