

# Converting Colors

Android(4282432923)

Have a look what the booklet for  
Android(4282432923) contains.

<b>Android(4282432923)</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(4282432923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40BD9B
RGB	64, 189, 155
RGB Percent	25%, 74%, 61%
CMY	0.7490, 0.2588, 0.3922
CMYK	0.66, 0.00, 0.18, 0.26
HSL	164°, 49%, 50%
HSV	164°, 66%, 74%
XYZ	26.2283, 39.8517, 37.3201
YIQ	147.7490, -63.5860, -37.0740

# Conversions

## Conversions Part 2

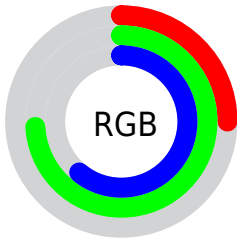
Format	Color
<a href="#">RYB</a>	<a href="#">64, 136, 189</a>
Decimal	<a href="#">4242843</a>
CIELab	<a href="#">69.36, -42.43, 7.21</a>
CIELCh	<a href="#">69, 43.034, 170.352</a>
Yxy	<a href="#">39.8517, 0.2537, 0.3854</a>
Android (android.graphics.Color)	<a href="#">4282432923 (0xFF40BD9B)</a>
YUV	<a href="#">147.7490, 3.5747, -73.4479</a>
Hunter-Lab	<a href="#">63.1282, -36.3117, 9.1387</a>

# Details


The Android color `4282432923` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290592866`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4286510801`, and `4278224744` is the 20% darker color. If you saturate the color by 10%, you get `4281187734`, and if you desaturate by 10%, it is `4283678112`.

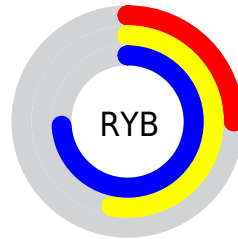
# Distribution



 Red (25%)

 Green (74%)

 Blue (61%)




 Red (25%)

 Yellow (53%)

 Blue (74%)

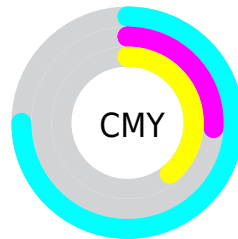


 Cyan (66%)


 Magenta (0%)

 Yellow (18%)

 Black (26%)



 Cyan (75%)

 Magenta (26%)

 Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282432923 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 4282432923 by changing the saturation by 10% instead.





4282432923



4282432923

4294967295



4279673473



4286510801



4278224744



4288413678



4278218064



4290379775



4278211641



4292280319



4278205219



4294246399



4278200078



4278190080



4282432923



4282432923



4281187734



4283678112

■ 4279942545

■ 4284923301

■ 4278697356

■ 4286168490

■ 4278238602

■ 4287413680

■ 4288658869

■ 4289838522

■ 4291083711

■ 4292328900

■ 4293574089

# Harmonies

## Analogous

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



4286232694



4282432923



4278238915

# Triad

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



4282432923



4288324850



4293432687

# Complementary

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



4282432923



4290592866

# 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.



4294216592



4282432923



4291728860

# Square

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



4282432923



4283544054



4293692344



4291666780

# Rectangle

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



4282432923



4278238427



4293692344



4293824889



# Sweetspot

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



4282432923



4291098087



4284726592



4284316274



4294638330



4286216826



# Same Dimension

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



4282432923



4281595328



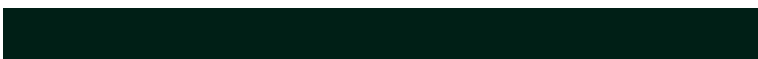
4282426045



4283784796



4278230643



4278198038



# Inverse Universe

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



4290592866



4294259560



4290599744



4284372311



4288544811

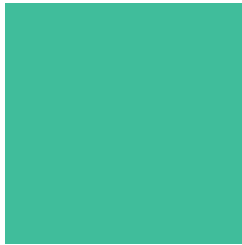


4280221704



# Previews

## White Background



This preview shows how the Android color 4282432923 looks on a white background.

## Color Contrast Check

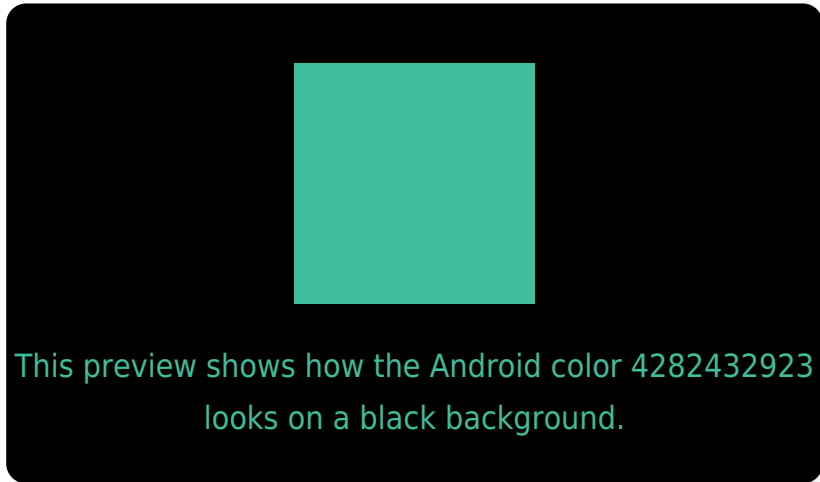
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4282432923 Background



This preview shows how black text looks on a background with the Android color 4282432923.



This preview shows how white text looks on a background with the Android color 4282432923.

# 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





# Trichromacy



**Original Color**  
4282432923



**Protanomaly**  
4287148180



**Deuteranomaly**  
4287540383



**Tritanomaly**  
4283152822

# Monochromacy



**Original Color**  
4282432923



**Achromatopsia**  
4287927444



**Achromatomaly**  
4285899671

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282432923 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(64, 189, 155)` looks like.

```
.text, #text, p{  
    color:rgb(64, 189, 155)  
}
```

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(64, 189, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 189, 155) }
```

## Border

The CSS property to change the border of an element to Android 4282432923 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(64, 189, 155) }
```

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

```
.border{ border-color:rgb(64, 189, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 189, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 189, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 189, 155);  
box-shadow:4px 4px 4px 4px rgb(64, 189,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4282432923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 189, 155) }
```

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

```
.background{ background-color: rgb(64, 189,  
155) }
```

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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