

# Converting Colors

Android(4282824336)

Have a look what the booklet for  
Android(4282824336) contains.

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# **Color**

**Android(4282824336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46B690
RGB	70, 182, 144
RGB Percent	27%, 71%, 56%
CMY	0.7255, 0.2863, 0.4353
CMYK	0.62, 0.00, 0.21, 0.29
HSL	160°, 44%, 49%
HSV	160°, 62%, 71%
XYZ	24.2878, 36.7716, 32.2031
YIQ	144.1800, -54.5540, -35.5620

# Conversions

## Conversions Part 2

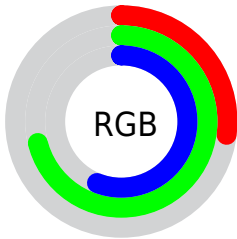
Format	Color
<a href="#">RYB</a>	<a href="#">70, 137, 182</a>
Decimal	<a href="#">4634256</a>
CIELab	<a href="#">67.11, -40.92, 10.03</a>
CIELCh	<a href="#">67, 42.137, 166.226</a>
Yxy	<a href="#">36.7716, 0.2604, 0.3943</a>
Android (android.graphics.Color)	<a href="#">4282824336 (0xFF46B690)</a>
YUV	<a href="#">144.1800, -0.0887, -65.0559</a>
Hunter-Lab	<a href="#">60.6396, -34.6253, 10.9613</a>

# Details

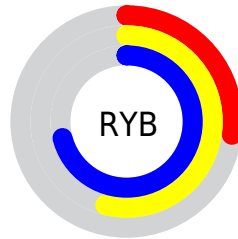
The Android color `4282824336` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290135660`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4286705606`, and `4278222942` is the 20% darker color. If you saturate the color by 10%, you get `4281644682`, and if you desaturate by 10%, it is `4284003990`.

# Distribution



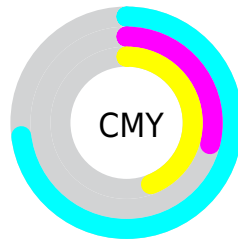
- Red (27%)
- Green (71%)
- Blue (56%)



- Red (27%)
- Yellow (54%)
- Blue (71%)



- Cyan (62%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)



- Cyan (73%)
- Magenta (29%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282824336 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 4282824336 by changing the saturation by 10% instead.





4282824336



4282824336

4294967295



4280523638



4286705606



4278222942



4288610274



4278216262



4290510846



4278210096



4292411391



4278203931



4294377471



4278198272



4278190080



4282824336



4282824336



4281644682



4284003990

 4280465028

 4285183644

 4279219837


 4286428835

 4278236792

 4287608489

 4288788143

 4289967797

 4291147451

 4292392641

 4293572296

# Harmonies

## Analogous

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



4286361965



4282824336



4278237111

# Triad

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



4282824336



4287406316



4293103214

# Complementary

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



4282824336



4290135660

# 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.



4293690768



4282824336



4290876120

# Square

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



4282824336



4282428652



4293035958



4291468121

# Rectangle

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



4282824336



4278236879



4293035958



4293429880



# Sweetspot

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



4282824336



4290964959



4285380166



4284315759



4294440951



4286085240



# Same Dimension

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



4282824336



4282314162



4282820022



4283653209



4278230119



4278197267



# Inverse Universe

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



4290135660



4293738105



4290139974



4284240726



4288413749

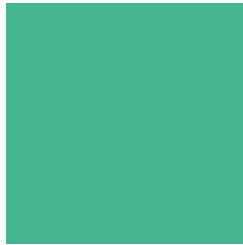


4280025098



# Previews

## White Background



This preview shows how the Android color 4282824336 looks on a white background.

## Color Contrast Check

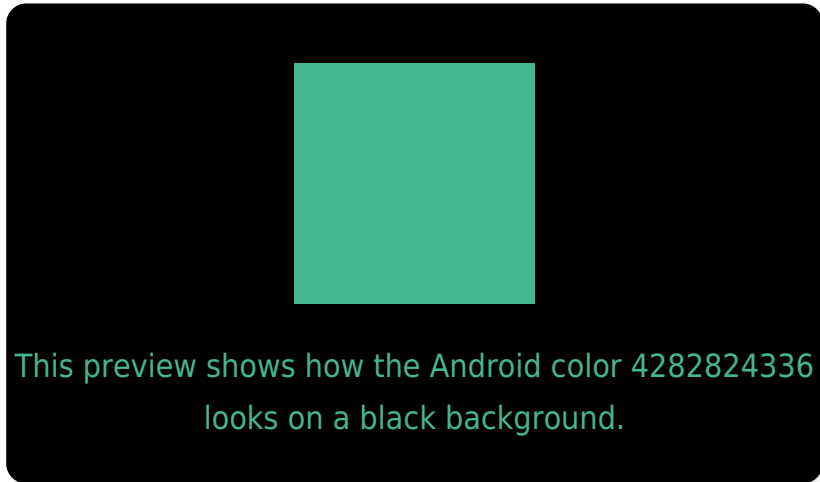
Large Text (above 18pt) WCAG AA × Fail

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 4282824336 Background



This preview shows how black text looks on a background with the Android color 4282824336.



This preview shows how white text looks on a background with the Android color 4282824336.

# 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**

4282824336



**Protanomaly**

4287015306



**Deuteranomaly**

4287473044



**Tritanomaly**

4283544237

# Monochromacy



**Original Color**

4282824336



**Achromatopsia**

4287664272



**Achromatomaly**

4285898384

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282824336 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(70, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(70, 182, 144)  
}
```

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(70, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 182, 144) }
```

## Border

The CSS property to change the border of an element to Android 4282824336 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(70, 182, 144) }
```

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

```
.border{ border-color:rgb(70, 182, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 182, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(70, 182,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4282824336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 182, 144) }
```

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

```
.background{ background-color: rgb(70, 182,  
144) }
```

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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