

# Converting Colors

Android(4283000433)

Have a look what the booklet for  
Android(4283000433) contains.

<b>Android(4283000433)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4283000433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	496671
RGB	73, 102, 113
RGB Percent	29%, 40%, 44%
CMY	0.7137, 0.6000, 0.5569
CMYK	0.35, 0.10, 0.00, 0.56
HSL	196°, 22%, 36%
HSV	196°, 35%, 44%
XYZ	10.4797, 12.1115, 17.4082
YIQ	94.5830, -20.8150, -2.7270

# Conversions

## Conversions Part 2

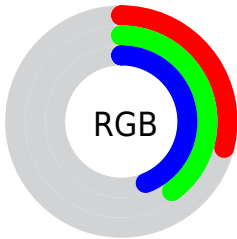
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 90, 113
Decimal	4810353
CIELab	41.39, -7.62, -9.60
CIElCh	41, 12.257, 231.533
Yxy	12.1115, 0.2620, 0.3028
Android (android.graphics.Color)	4283000433 (0xFF496671)
YUV	94.5830, 9.0796, -18.9283
Hunter-Lab	34.8015, -7.1516, -5.2966

# Details

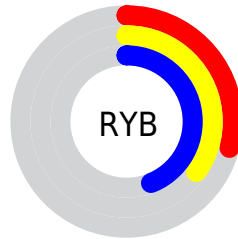
The Android color `4283000433` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285617225`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4286290341`, and `4279908161` is the 20% darker color. If you saturate the color by 10%, you get `4282278769`, and if you desaturate by 10%, it is `4283722097`.

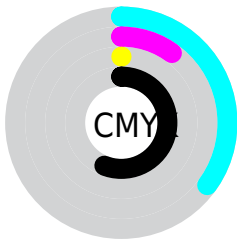
# Distribution



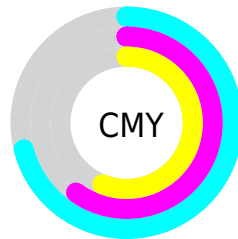
- Red (29%)
- Green (40%)
- Blue (44%)



- Red (29%)
- Yellow (35%)
- Blue (44%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283000433 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 4283000433 by changing the saturation by 10% instead.



■ 4283000433

■ 4283000433

4294967295

■ 4281421401

■ 4286290341

■ 4279908161

■ 4288001216

■ 4278329899

■ 4289777628

■ 4278192919

■ 4291620088

■ 4278190080

■ 4293459967

■ 4283000433

■ 4283000433

■ 4282278769

■ 4283722097

■ 4281491569

■ 4284509297

■ 4280769905

■ 4285230961

■ 4280048241

■ 4285952625

■ 4279260785

■ 4286740081

■ 4278539121

■ 4287461745

■ 4278211185

■ 4288183409

■ 4288905073

■ 4289692273

# Harmonies

## Analogous

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



4282869609



4283000433



4283655029

# Triad

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



4283000433



4285815653



4284638031

# Complementary

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



4283000433



4285617225

# 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.



4285292622



4283000433



4286012251

# Square

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



4283000433



4285291886



4285816146



4283852373

# Rectangle

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



4283000433



4284178805



4285816146



4284834382



# Sweetspot

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



4283000433



4286877588



4283003220



4282402634



4291414473



4283058762



# Same Dimension

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



4283000433



4283859860



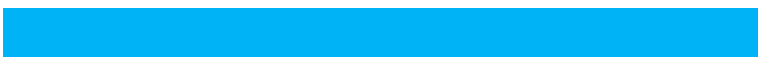
4282995313



4281481016



4278212472



4278236151



# Inverse Universe

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



4285614438



4287911555



4285622345



4281872951



4286054487



4294377651



# Previews

## White Background



This preview shows how the Android color 4283000433 looks on a white background.

### Color Contrast Check

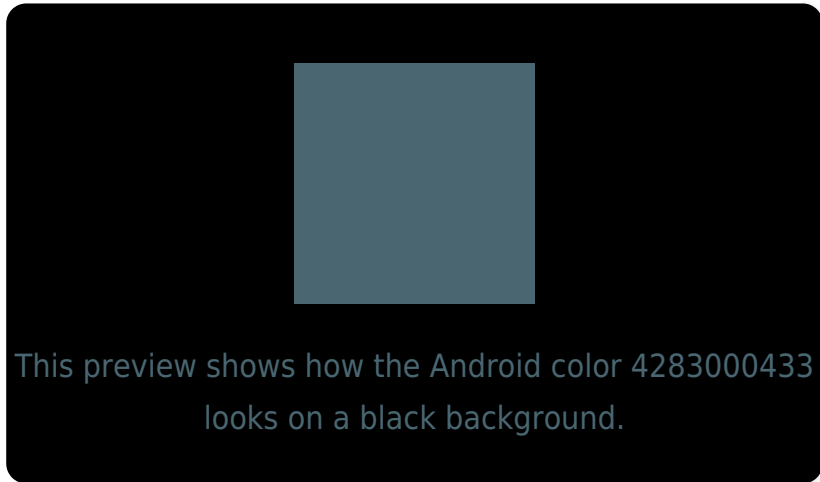
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

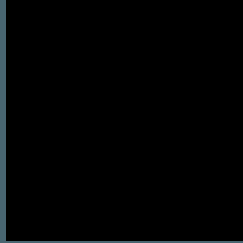
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283000433 Background



This preview shows how black text looks on a background with the Android color 4283000433.

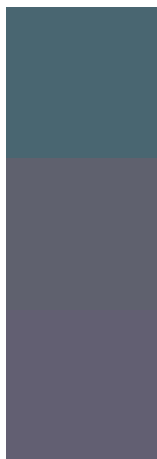


This preview shows how white text looks on a background with the Android color 4283000433.

# 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**

4283000433

**Protanopia**

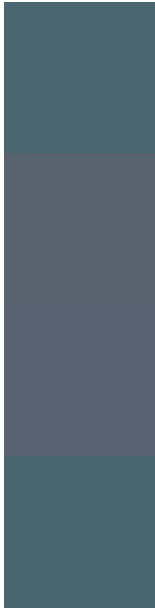
4284440942

**Deuteranopia**

4284637042



# Trichromacy



**Original Color**

4283000433

**Protanomaly**

4283917167

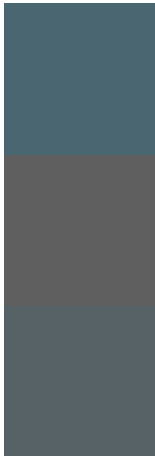
**Deuteranomaly**

4284047986

**Tritanomaly**

4282934896

# Monochromacy



**Original Color**

4283000433

**Achromatopsia**

4284440415

**Achromatomaly**

4283916902

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283000433 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(73, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(73, 102, 113)  
}
```

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(73, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 102, 113) }
```

## Border

The CSS property to change the border of an element to Android 4283000433 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(73, 102, 113) }
```

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

```
.border{ border-color:rgb(73, 102, 113) }
```

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

Here you see how a box with a 4 pixel rgb(73, 102, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(73, 102,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4283000433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 102, 113) }
```

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

```
.background{ background-color: rgb(73, 102,  
113) }
```

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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