

# Converting Colors

Android(4281429361)

Have a look what the booklet for  
Android(4281429361) contains.

<b>Android(4281429361)</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(4281429361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	316D71
RGB	49, 109, 113
RGB Percent	19%, 43%, 44%
CMY	0.8078, 0.5725, 0.5569
CMYK	0.57, 0.04, 0.00, 0.56
HSL	184°, 40%, 32%
HSV	184°, 57%, 44%
XYZ	9.7159, 12.7825, 17.5780
YIQ	91.5160, -37.0440, -11.4760

# Conversions

## Conversions Part 2

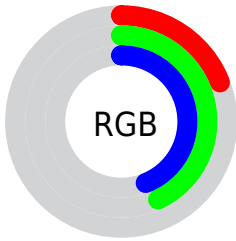
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 80, 113
Decimal	3239281
CIE <sub>Lab</sub>	42.43, -18.08, -8.15
CIE <sub>LCh</sub>	42, 19.837, 204.270
Yxy	12.7825, 0.2424, 0.3190
Android (android.graphics.Color)	4281429361 (0xFF316D71)
YUV	91.5160, 10.5916, -37.2865
Hunter-Lab	35.7526, -14.0591, -4.1234




# Details

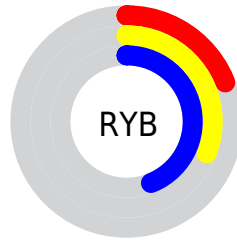
The Android color `4281429361` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285609265`, and the grayscale version is `4284177243`.




A 20% lighter version of the original color is `4284916133`, and `4278205761` is the 20% darker color. If you saturate the color by 10%, you get `4280708209`, and if you desaturate by 10%, it is `4282150513`.

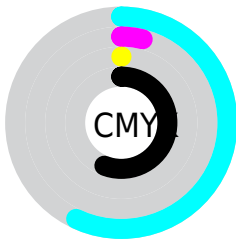
# Distribution







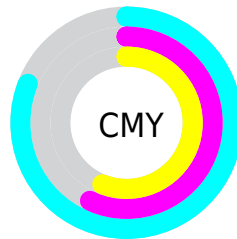
-  Red (19%)
-  Green (43%)
-  Blue (44%)






-  Red (19%)
-  Yellow (31%)
-  Blue (44%)



-  Cyan (57%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (81%)
-  Magenta (57%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281429361 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 4281429361 by changing the saturation by 10% instead.





4281429361



4281429361

4294967295



4279457113



4284916133



4278205761



4286627008



4278200107



4288469212



4278194455



4290245880



4278190080



4292149247



4294049791



4281429361



4281429361



4280708209



4282150513

■ 4279921777

■ 4282936945

■ 4279200625

■ 4283658097

■ 4278479473

■ 4284379249

■ 4278217329

■ 4285165937

■ 4285886833

■ 4286607985

■ 4287329137

■ 4288115569

# Harmonies

## Analogous

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



4282215776



4281429361



4281756542

# Triad

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



4281429361



4285946999



4285751876

# Complementary

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



4281429361



4285609265

# 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.



4286537034



4281429361



4286732392

# Square

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



4281429361



4284637570



4286929240



4284639046

# Rectangle

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



4281429361



4282607747



4286929240



4286013509



# Sweetspot

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



4281429361



4286288532



4281430324



4282075466



4291414473



4283058762



# Same Dimension

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



4281429361



4281306772



4281421425



4281481272



4278218872



4278249719



# Inverse Universe

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



4285608301



4287901582



4285617201



4281872952



4286054512

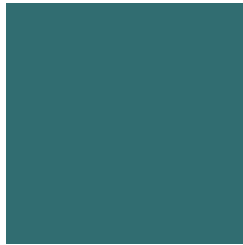


4294377704



# Previews

## White Background



This preview shows how the Android color 4281429361 looks on a white background.

## Color Contrast Check

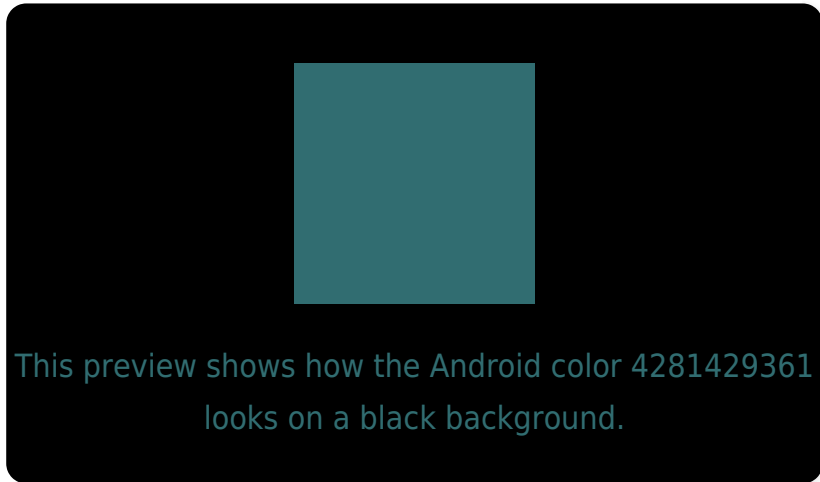
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281429361 Background



This preview shows how black text looks on a background with the Android color 4281429361.



This preview shows how white text looks on a background with the Android color 4281429361.

# 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**

4281429361

**Protanopia**

4284703595

**Deuteranopia**

4284899700



# Trichromacy



**Original Color**  
4281429361

**Protanomaly**  
4283524973

**Deuteranomaly**  
4283655539

**Tritanomaly**  
4281494644

# Monochromacy



**Original Color**  
4281429361

**Achromatopsia**  
4284243036

**Achromatomaly**  
4283196004

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281429361 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(49, 109, 113)` looks like.

```
.text, #text, p{  
    color:rgb(49, 109, 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(49, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 109, 113) }
```

## Border

The CSS property to change the border of an element to Android 4281429361 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(49, 109, 113) }
```

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

```
.border{ border-color:rgb(49, 109, 113) }
```

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

Here you see how a box with a 4 pixel rgb(49, 109, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(49, 109,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4281429361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 109, 113) }
```

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

```
.background{ background-color: rgb(49, 109,  
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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