

# Converting Colors

Android(4282871393)

Have a look what the booklet for  
Android(4282871393) contains.

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# Color

**Android(4282871393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	476E61
RGB	71, 110, 97
RGB Percent	28%, 43%, 38%
CMY	0.7216, 0.5686, 0.6196
CMYK	0.35, 0.00, 0.12, 0.57
HSL	160°, 22%, 35%
HSV	160°, 35%, 43%
XYZ	10.3321, 13.3545, 13.3424
YIQ	96.8570, -19.0710, -12.3110

# Conversions

## Conversions Part 2

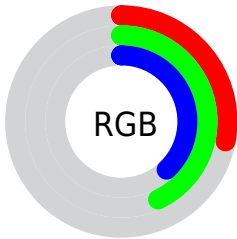
<b>Format</b>	<b>Color</b>
<b>RYB</b>	<b>71, 94, 110</b>
Decimal	4681313
CIELab	43.29, -16.94, 2.89
CIELCh	43, 17.189, 170.323
Yxy	13.3545, 0.2790, 0.3607
Android (android.graphics.Color)	4282871393 (0xFF476E61)
YUV	96.8570, 0.0705, -22.6766
Hunter-Lab	36.5438, -13.4840, 3.9335

# Details

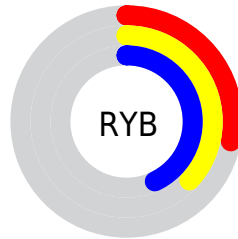
The Android color `4282871393` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285417300`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286161556`, and `4279778867` is the 20% darker color. If you saturate the color by 10%, you get `4282150493`, and if you desaturate by 10%, it is `4283592293`.

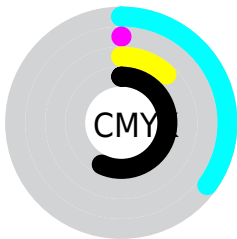
# Distribution



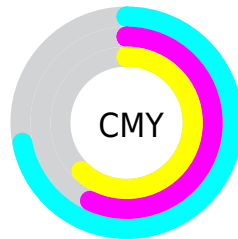
- Red (28%)
- Green (43%)
- Blue (38%)



- Red (28%)
- Yellow (37%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (72%)
- Magenta (57%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282871393 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 4282871393 by changing the saturation by 10% instead.



 4282871393

 4282871393

4294967295

 4281292361

 4286161556

 4279778867

 4287872430

 4278200350

 4289649097

 4278195204

 4291491302

 4278190080

 4293328895

 4282871393

 4282871393

 4282150493

 4283592293

 4281429594

 4284313192

■ 4280708694

■ 4285034092

■ 4279987794

■ 4285754992

■ 4279266895

■ 4286475891

■ 4278545995

■ 4287196791

■ 4278218313

■ 4287917691

■ 4288638590

■ 4289359490

# Harmonies

## Analogous

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



4283853908



4282871393



4282216048

# Triad

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



4282871393



4284638337



4286537553

# Complementary

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



4282871393



4285417300

# 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.



4286798941



4282871393



4285816697

# Square

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



4282871393



4283394434



4286602347



4285883466

# Rectangle

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



4282871393



4282215800



4286602347



4286668373



# Sweetspot

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



4282871393



4286549898



4283723335



4282271556



4291282887



4282861383



# Same Dimension

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



4282871393



4283535226



4282869870



4281481270



4278220880



4278253477



# Inverse Universe

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



4285417300



4287582566



4285419079



4281872948



4286054440



4294377554



# Previews

## White Background



This preview shows how the Android color 4282871393 looks on a white background.

## Color Contrast Check

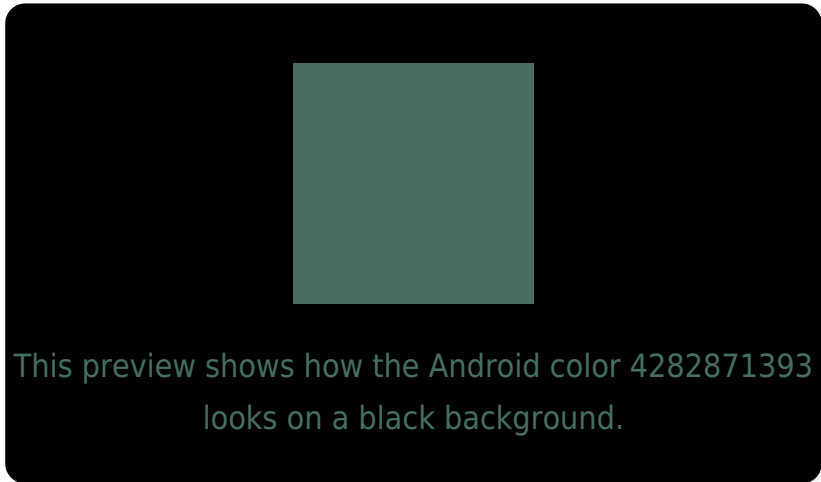
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282871393 Background



This preview shows how black text looks on a background with the Android color 4282871393.



This preview shows how white text looks on a background with the Android color 4282871393.

# 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**

4282871393

**Protanopia**

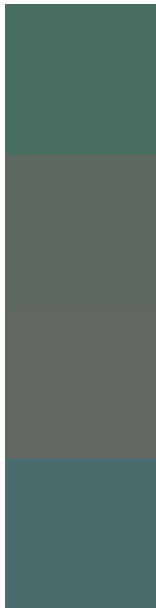
4285163100

**Deuteranopia**

4285621091



# Trichromacy



**Original Color**  
4282871393

**Protanomaly**  
4284311902

**Deuteranomaly**  
4284639074

**Tritanomaly**  
4283067501

# Monochromacy



**Original Color**  
4282871393

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283983457

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282871393 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(71, 110, 97)` looks like.

```
.text, #text, p{  
    color:rgb(71, 110, 97)  
}
```

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(71, 110, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 110, 97) }
```

## Border

The CSS property to change the border of an element to Android 4282871393 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(71, 110, 97) }
```

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

```
.border{ border-color:rgb(71, 110, 97) }
```

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

Here you see how a box with a 4 pixel rgb(71, 110, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 110, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 110, 97);  
box-shadow:4px 4px 4px 4px rgb(71, 110,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4282871393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 110, 97) }
```

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

```
.background{ background-color: rgb(71, 110,  
97) }
```

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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