

# Converting Colors

Android(4279464571)

Have a look what the booklet for  
Android(4279464571) contains.

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# Color

**Android(4279464571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	13727B
RGB	19, 114, 123
RGB Percent	7%, 45%, 48%
CMY	0.9255, 0.5529, 0.5176
CMYK	0.85, 0.07, 0.00, 0.52
HSL	185°, 73%, 28%
HSV	185°, 85%, 48%
XYZ	9.8610, 13.6031, 20.8448
YIQ	86.6210, -59.5090, -17.3410

# Conversions

## Conversions Part 2

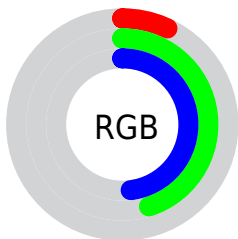
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 69, 123
Decimal	1274491
CIE <sub>Lab</sub>	43.66, -22.20, -12.41
CIE <sub>LCh</sub>	44, 25.436, 209.199
Yxy	13.6031, 0.2226, 0.3070
Android (android.graphics.Color)	4279464571 (0xFF13727B)
YUV	86.6210, 17.9348, -59.3036
Hunter-Lab	36.8824, -16.8198, -7.6912

# Details

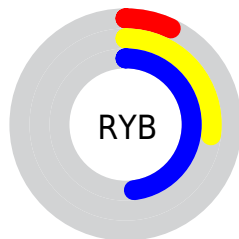
The Android color **4279464571** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4286258195**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4283803311**, and **4278207050** is the 20% darker color. If you saturate the color by 10%, you get **4278677883**, and if you desaturate by 10%, it is **4280251259**.

# Distribution



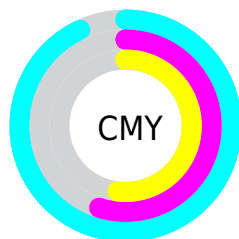
- Red (7%)
- Green (45%)
- Blue (48%)



- Red (7%)
- Yellow (27%)
- Blue (48%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (55%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279464571 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 4279464571 by changing the saturation by 10% instead.





4279464571



4279464571

4294967295



4278212962



4283803311



4278207050



4285645515



4278201140



4287487719



4278195743



4289329919



4278190084



4291231743



4278190080



4293132287



4279464571



4279464571



4278677883



4280251259

■ 4278218875

■ 4281103483

■ 4281890171

■ 4282676859

■ 4283529083

■ 4284315771

■ 4285102459

■ 4285889403

■ 4286741627

# Harmonies

## Analogous

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



4281037414



4279464571



4280577931

# Triad

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



4279464571



4286667645



4285949501

# Complementary

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



4279464571



4286258195

# 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.



4287061572



4279464571



4287518569

# Square

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



4279464571



4285096588



4287650132



4284509250

# Rectangle

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



4279464571



4282150032



4287650132



4286341950



# Sweetspot

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



4279464571



4286094753



4279466780



4281945938



4291940817



4283585106



# Same Dimension

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



4279464571



4278227873



4279451259



4281810237



4278219389



4278249468



# Inverse Universe

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



4286255986



4288741523



4286271507



4282201917



4286382194



4294705383



# Previews

## White Background



This preview shows how the Android color 4279464571 looks on a white background.

## Color Contrast Check

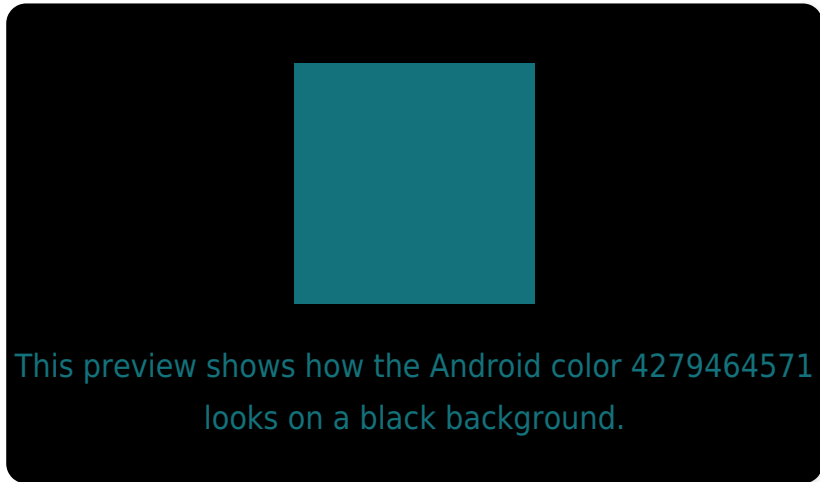
Large Text (above 18pt) WCAG AA ✓ Pass

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

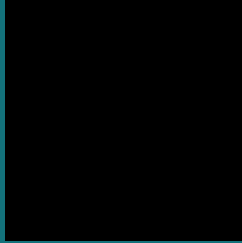
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279464571 Background



This preview shows how black text looks on a background with the Android color 4279464571.

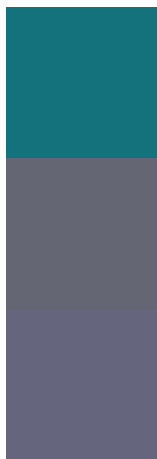


This preview shows how white text looks on a background with the Android color 4279464571.

# 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**  
4279464571

**Protanopia**  
4284835443

**Deuteranopia**  
4284835198



# Trichromacy



**Original Color**  
4279464571

**Protanomaly**  
4282870390

**Deuteranomaly**  
4282870397

**Tritanomaly**  
4279464571

# Monochromacy



**Original Color**  
4279464571

**Achromatopsia**  
4283914071

**Achromatomaly**  
4282278244

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279464571 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(19, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(19, 114, 123)  
}
```

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(19, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 114, 123) }
```

## Border

The CSS property to change the border of an element to Android 4279464571 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(19, 114, 123) }
```

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

```
.border{ border-color:rgb(19, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(19, 114,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4279464571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 114, 123) }
```

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

```
.background{ background-color: rgb(19, 114,  
123) }
```

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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