

# Converting Colors

Android(4279644223)

Have a look what the booklet for  
Android(4279644223) contains.

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# Color

**Android(4279644223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	16303F
RGB	22, 48, 63
RGB Percent	9%, 19%, 25%
CMY	0.9137, 0.8118, 0.7529
CMYK	0.65, 0.24, 0.00, 0.75
HSL	202°, 48%, 17%
HSV	202°, 65%, 25%
XYZ	2.2850, 2.6434, 5.0924
YIQ	41.9360, -20.3110, -0.8470

# Conversions

## Conversions Part 2

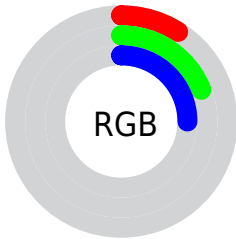
Format	Color
<a href="#">RYB</a>	<a href="#">22, 38, 63</a>
Decimal	<a href="#">1454143</a>
CIELab	<a href="#">18.55, -4.64, -12.48</a>
CIElCh	<a href="#">19, 13.314, 249.621</a>
Yxy	<a href="#">2.6434, 0.2280, 0.2638</a>
Android (android.graphics.Color)	<a href="#">4279644223 (0xFF16303F)</a>
YUV	<a href="#">41.9360, 10.3846, -17.4839</a>
Hunter-Lab	<a href="#">16.2584, -3.3650, -7.1898</a>




# Details

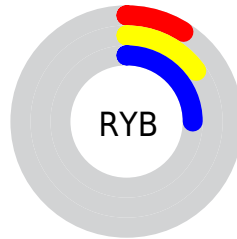
The Android color **4279644223** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282328342**, and the grayscale version is **4280953386**.




A 20% lighter version of the original color is **4282736239**, and **4278190357** is the 20% darker color. If you saturate the color by 10%, you get **4279250495**, and if you desaturate by 10%, it is **4280037951**.

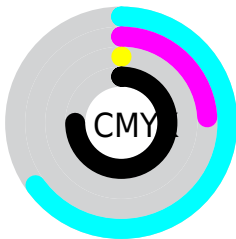
# Distribution







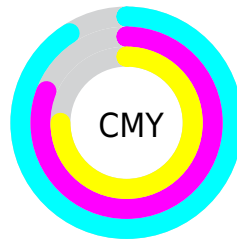
-  Red (9%)
-  Green (19%)
-  Blue (25%)






-  Red (9%)
-  Yellow (15%)
-  Blue (25%)



-  Cyan (65%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (91%)
-  Magenta (81%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279644223 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 4279644223 by changing the saturation by 10% instead.





4279644223



4279644223

4294967295



4278197033



4282736239



4278190357



4284381064



4278190080



4286025890



4287736765



4289513177



4291355382



4293197823



4279644223



4279644223

■ 4279250495

■ 4280037951

■ 4278790975

■ 4280497471

■ 4278397247

■ 4280891199

■ 4278200383

■ 4281284927

■ 4281744447

■ 4282138175

■ 4282531903

■ 4282925631

■ 4283385151

# Harmonies

## Analogous

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



4278989369



4279644223



4280626496

# Triad

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



4279644223



4282394154



4280692766

# Complementary

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



4279644223



4282328342

# 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.



4281413146



4279644223



4282328865

# Square

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



4279644223



4282132276



4281936411



4279972390

# Rectangle

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



4279644223



4281215806



4281936411



4280954652



# Sweetspot

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



4279644223



4282469458



4279648036



4280231209



4289243304



4280887593



# Same Dimension

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



4279644223



4279384658



4279639103



4280032543



4278205534



4278226398



# Inverse Universe

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



4282324528



4283568698



4282333462



4280228893



4284350524

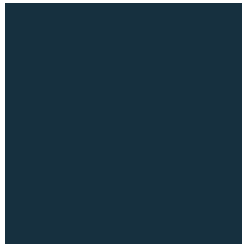


4292739213



# Previews

## White Background



This preview shows how the Android color 4279644223 looks on a white background.

## Color Contrast Check

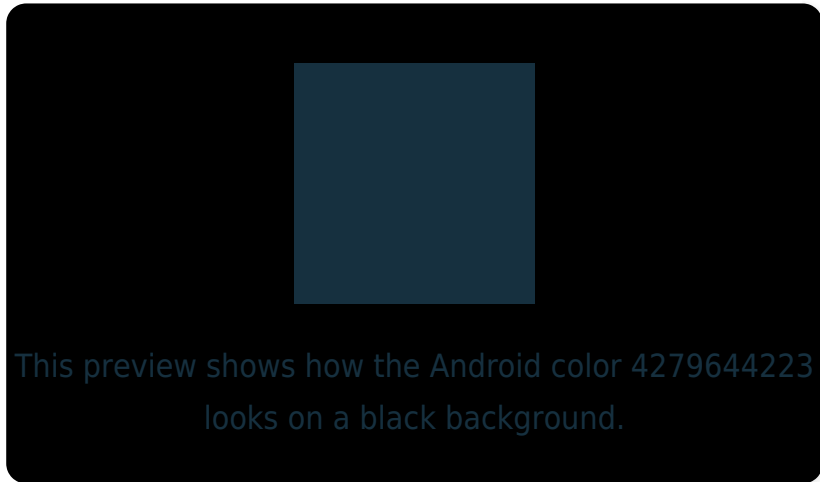
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

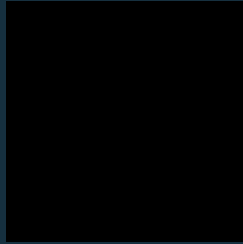
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279644223 Background



This preview shows how black text looks on a background with the Android color 4279644223.



This preview shows how white text looks on a background with the Android color 4279644223.

# 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



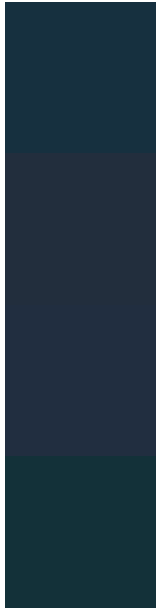
**Original Color**  
4279644223

**Protanopia**  
4280888636

**Deuteranopia**  
4280757568



# Trichromacy



**Original Color**

4279644223

**Protanomaly**

4280430141

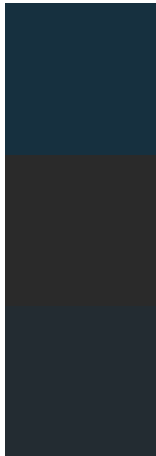
**Deuteranomaly**

4280364608

**Tritanomaly**

4279447865

# Monochromacy



**Original Color**

4279644223

**Achromatopsia**

4280953386

**Achromatomaly**

4280495154

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279644223 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(22, 48, 63)` looks like.

```
.text, #text, p{  
    color:rgb(22, 48, 63)  
}
```

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(22, 48, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 48, 63) }
```

## Border

The CSS property to change the border of an element to Android 4279644223 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(22, 48, 63) }
```

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

```
.border{ border-color:rgb(22, 48, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 48, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 48, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 48, 63);  
box-shadow:4px 4px 4px 4px rgb(22, 48, 63)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279644223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 48, 63) }
```

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

```
.background{ background-color: rgb(22, 48,  
63) }
```

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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