

# Converting Colors

Android(4280761902)

Have a look what the booklet for  
Android(4280761902) contains.

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# Color

**Android(4280761902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	273E2E
RGB	39, 62, 46
RGB Percent	15%, 24%, 18%
CMY	0.8471, 0.7569, 0.8196
CMYK	0.37, 0.00, 0.26, 0.76
HSL	138°, 23%, 20%
HSV	138°, 37%, 24%
XYZ	3.0525, 4.0738, 3.2102
YIQ	53.2990, -8.5720, -9.8520

# Conversions

## Conversions Part 2

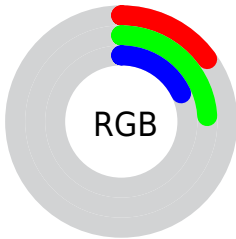
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	39, 57, 62
Decimal	2571822
CIE Lab	23.91, -13.11, 7.03
CIE LCh	24, 14.879, 151.798
Yxy	4.0738, 0.2953, 0.3941
Android (android.graphics.Color)	4280761902 (0xFF273E2E)
YUV	53.2990, -3.5984, -12.5402
Hunter-Lab	20.1838, -8.3263, 4.6986

# Details

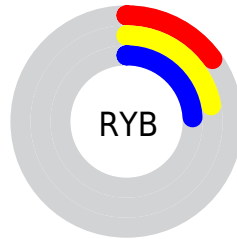
The Android color **4280761902** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282263351**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4283788892**, and **4278195200** is the 20% darker color. If you saturate the color by 10%, you get **4280368682**, and if you desaturate by 10%, it is **4281155122**.

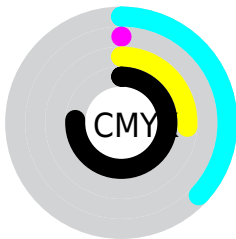
# Distribution



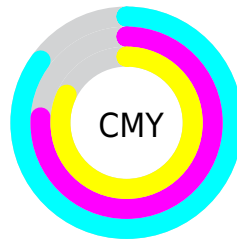
- Red (15%)
- Green (24%)
- Blue (18%)



- Red (15%)
- Yellow (22%)
- Blue (24%)



- Cyan (37%)
- Magenta (0%)
- Yellow (26%)
- Black (76%)



- Cyan (85%)
- Magenta (76%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280761902 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 4280761902 by changing the saturation by 10% instead.





4280761902



4280761902

4294967295



4279379993



4283788892



4278195200



4285368180



4278190080



4287078798



4288789672



4290566340



4292408800



4294311932



4280761902



4280761902

■ 4280368682

■ 4281155122

■ 4279975461

■ 4281548343

■ 4279516705

■ 4282007099

■ 4279123485

■ 4282400319

■ 4278730264

■ 4282793540

■ 4278337044

■ 4283186760

■ 4278205971

■ 4283579980

■ 4284038737

■ 4284431957

# Harmonies

## Analogous

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



4281613350



4280761902



4279910201

# Triad

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



4280761902



4281023055



4283380014

# Complementary

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



4280761902



4282263351

# 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.



4283314233



4280761902



4282070604

# Square

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



4280761902



4279975244



4282921540



4282987814

# Rectangle

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



4280761902



4279516993



4282921540



4283380017



# Sweetspot

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



4280761902



4282995275



4281810471



4280494373



4289243304



4280887593



# Same Dimension

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



4280761902



4281160248



4280761913



4280033052



4278214173



4278246980



# Inverse Universe

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



4282263351



4283575622



4282263340



4280228894



4284350530



4292739226



# Previews

## White Background



This preview shows how the Android color 4280761902 looks on a white background.

## Color Contrast Check

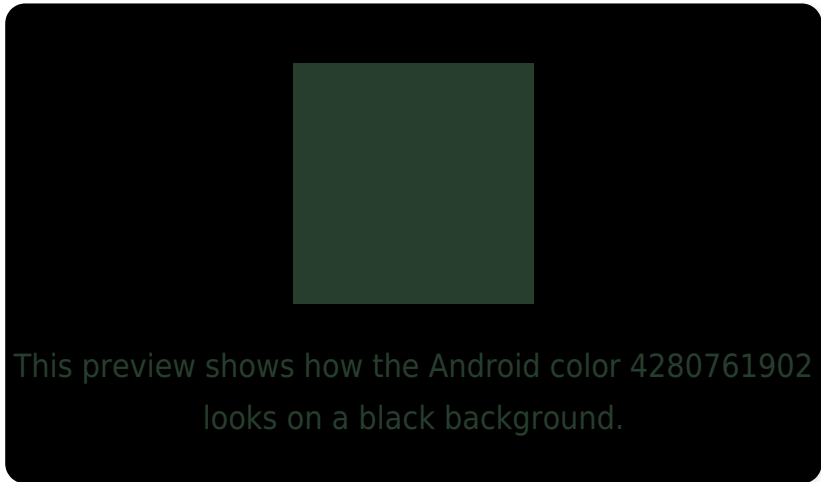
Large Text (above 18pt) WCAG AA ✓ Pass

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

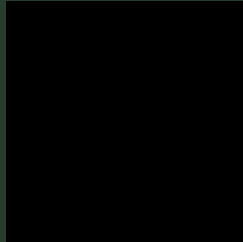
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280761902 Background



This preview shows how black text looks on a background with the Android color 4280761902.



This preview shows how white text looks on a background with the Android color 4280761902.

# 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



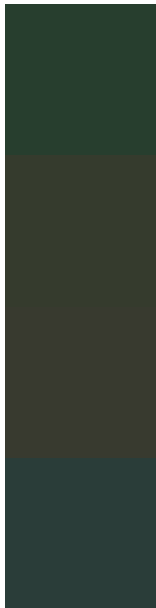
**Original Color**  
4280761902

**Protanopia**  
4282202412

**Deuteranopia**  
4282464048



# Trichromacy



**Original Color**

4280761902

**Protanomaly**

4281678637

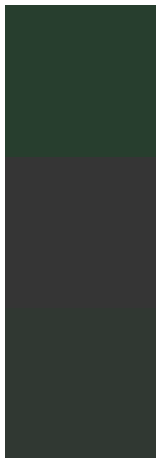
**Deuteranomaly**

4281874991

**Tritanomaly**

4280958265

# Monochromacy



**Original Color**

4280761902

**Achromatopsia**

4281677109

**Achromatomaly**

4281350194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280761902 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(39, 62, 46)` looks like.

```
.text, #text, p{  
    color:rgb(39, 62, 46)  
}
```

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(39, 62, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 62, 46) }
```

## Border

The CSS property to change the border of an element to Android 4280761902 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(39, 62, 46) }
```

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

```
.border{ border-color:rgb(39, 62, 46) }
```

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

Here you see how a box with a 4 pixel rgb(39, 62, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 62, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 62, 46);  
box-shadow:4px 4px 4px 4px rgb(39, 62, 46)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280761902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 62, 46) }
```

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

```
.background{ background-color: rgb(39, 62,  
46) }
```

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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