

# Converting Colors

Android(4280240720)

Have a look what the booklet for  
Android(4280240720) contains.

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# Color

**Android(4280240720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F4A50
RGB	31, 74, 80
RGB Percent	12%, 29%, 31%
CMY	0.8784, 0.7098, 0.6863
CMYK	0.61, 0.07, 0.00, 0.69
HSL	187°, 44%, 22%
HSV	187°, 61%, 31%
XYZ	4.4618, 5.7681, 8.4676
YIQ	61.8270, -27.5540, -7.2500

# Conversions

## Conversions Part 2

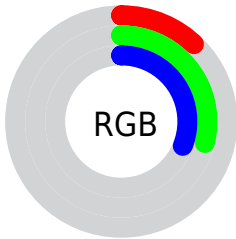
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 54, 80
Decimal	2050640
CIE Lab	28.82, -12.82, -8.09
CIE LCh	29, 15.160, 212.266
Yxy	5.7681, 0.2386, 0.3085
Android (android.graphics.Color)	4280240720 (0xFF1F4A50)
YUV	61.8270, 8.9593, -27.0353
Hunter-Lab	24.0168, -8.8677, -4.0922




# Details

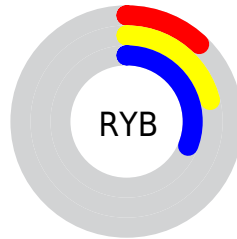
The Android color **4280240720** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4283442463**, and the grayscale version is **4282269246**.




A 20% lighter version of the original color is **4283530113**, and **4278197796** is the 20% darker color. If you saturate the color by 10%, you get **4279716176**, and if you desaturate by 10%, it is **4280765264**.

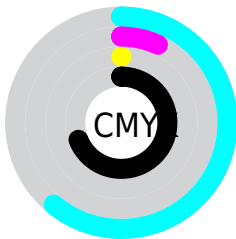
# Distribution







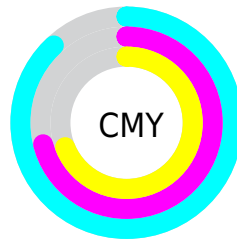
-  Red (12%)
-  Green (29%)
-  Blue (31%)






-  Red (12%)
-  Yellow (21%)
-  Blue (31%)



-  Cyan (61%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (88%)
-  Magenta (71%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280240720 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 4280240720 by changing the saturation by 10% instead.



 4280240720

 4280240720

4294967295

 4278334265

 4283530113

 4278197796

 4285175195

 4278190350

 4286885814

 4278190080

 4288662482

 4290439150

 4292345855

 4294180863

 4280240720

 4280240720

■ 4279716176

■ 4280765264

■ 4279191632

■ 4281289808

■ 4278667088

■ 4281814352

■ 4278208080

■ 4282338896

■ 4282863440

■ 4283387984

■ 4283912528

■ 4284437072

■ 4284961616

# Harmonies

## Analogous

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



4280633924



4280240720



4280698968

# Triad

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



4280240720



4283710799



4283122477

# Complementary

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



4280240720



4283442463

# 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.



4283777072



4280240720



4284169027

# Square

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



4280240720



4282859864



4284169272



4282337072

# Rectangle

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



4280240720



4281353819



4284169272



4283384365



# Sweetspot

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



4280240720



4283852393



4280242213



4280955958



4290098613



4281742902



# Same Dimension

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



4280240720



4279983977



4280234576



4280625193



4278213737



4278242536



# Inverse Universe

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



4283440970



4285078367



4283448607



4280886568



4285071452

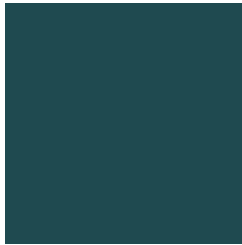


4293394636



# Previews

## White Background



This preview shows how the Android color 4280240720 looks on a white background.

## Color Contrast Check

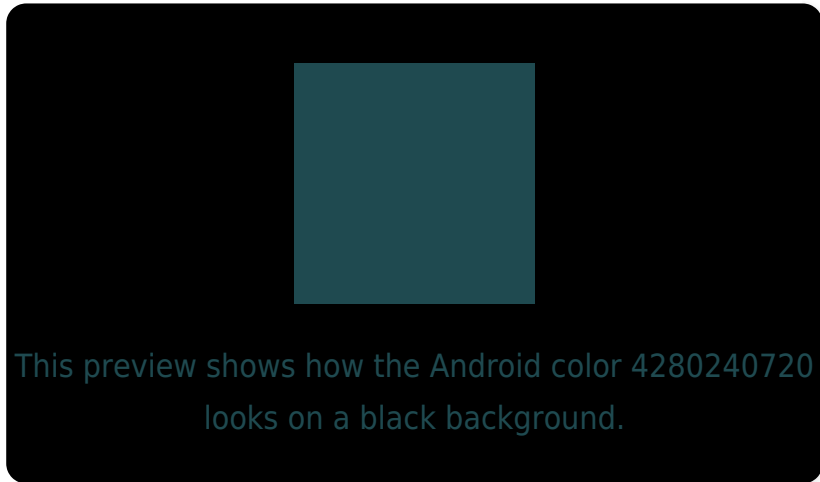
Large Text (above 18pt) WCAG AA ✓ Pass

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

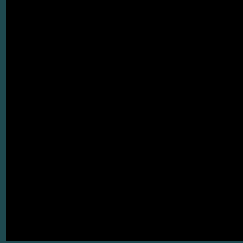
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

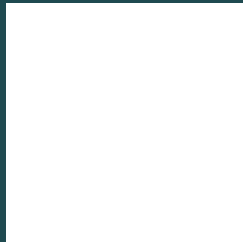
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280240720 Background



This preview shows how black text looks on a background with the Android color 4280240720.



This preview shows how white text looks on a background with the Android color 4280240720.

# 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**

4280240720

**Protanopia**

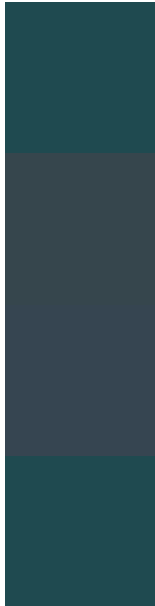
4282598220

**Deuteranopia**

4282597970



# Trichromacy



**Original Color**

4280240720

**Protanomaly**

4281747021

**Deuteranomaly**

4281746769

**Tritanomaly**

4280240720

# Monochromacy



**Original Color**

4280240720

**Achromatopsia**

4282269246

**Achromatomaly**

4281549381

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280240720 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(31, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(31, 74, 80)  
}
```

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(31, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 74, 80) }
```

## Border

The CSS property to change the border of an element to Android 4280240720 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(31, 74, 80) }
```

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

```
.border{ border-color:rgb(31, 74, 80) }
```

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

Here you see how a box with a 4 pixel rgb(31, 74, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(31, 74, 80)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280240720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 74, 80) }
```

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

```
.background{ background-color: rgb(31, 74,  
80) }
```

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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