

# Converting Colors

Android(4280782224)

Have a look what the booklet for  
Android(4280782224) contains.

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# Color

**Android(4280782224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	278D90
RGB	39, 141, 144
RGB Percent	15%, 55%, 56%
CMY	0.8471, 0.4471, 0.4353
CMYK	0.73, 0.02, 0.00, 0.44
HSL	182°, 57%, 36%
HSV	182°, 73%, 56%
XYZ	15.3956, 21.4947, 29.7230
YIQ	110.8440, -61.7550, -20.6910

# Conversions

## Conversions Part 2

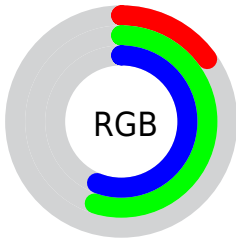
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 91, 144
Decimal	2592144
CIE <sub>Lab</sub>	53.49, -26.96, -9.94
CIE <sub>LCh</sub>	53, 28.728, 200.233
Yxy	21.4947, 0.2311, 0.3227
Android (android.graphics.Color)	4280782224 (0xFF278D90)
YUV	110.8440, 16.3459, -63.0072
Hunter-Lab	46.3624, -21.8594, -5.5573

# Details

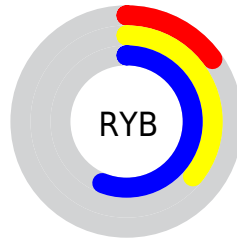
The Android color `4280782224` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287638055`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284924870`, and `4278213214` is the 20% darker color. If you saturate the color by 10%, you get `4279864720`, and if you desaturate by 10%, it is `4281699728`.

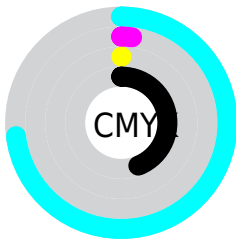
# Distribution



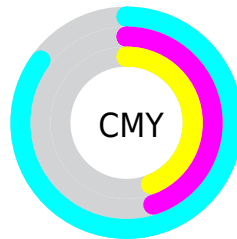
- Red (15%)
- Green (55%)
- Blue (56%)



- Red (15%)
- Yellow (36%)
- Blue (56%)



- Cyan (73%)
- Magenta (2%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (45%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280782224 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 4280782224 by changing the saturation by 10% instead.



 4280782224

 4280782224

4294967295

 4278219638

 4284924870

 4278213214

 4286767074

 4278207046

 4288675070

 4278201392

 4290576383

 4278195483

 4292476927

 4278190080

 4294443007

 4280782224

 4280782224

 4279864720

 4281699728

■ 4278881424

■ 4282683024

■ 4278226064

■ 4283600528

■ 4284583824

■ 4285501328

■ 4286418832

■ 4287402128

■ 4288319632

■ 4289302928

# Harmonies

## Analogous

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



4282682743



4280782224



4280978085

# Triad

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



4280782224



4288115872



4288183119

# Complementary

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



4280782224



4287638055

# 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.



4289295195



4280782224



4289425033

# Square

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



4280782224



4286020782



4289817968



4286546769

# Rectangle

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



4280782224



4282550190



4289817968



4288575826



# Sweetspot

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



4280782224



4287740346



4280782889



4282801758



4292796126



4284374622



# Same Dimension

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



4280782224



4279678394



4280769168



4282402631



4278223751



4278191880



# Inverse Universe

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



4287637389



4290385589



4287651111



4282859591



4287037571

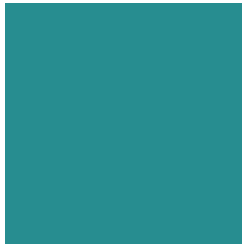


4278714375



# Previews

## White Background



This preview shows how the Android color 4280782224 looks on a white background.

## Color Contrast Check

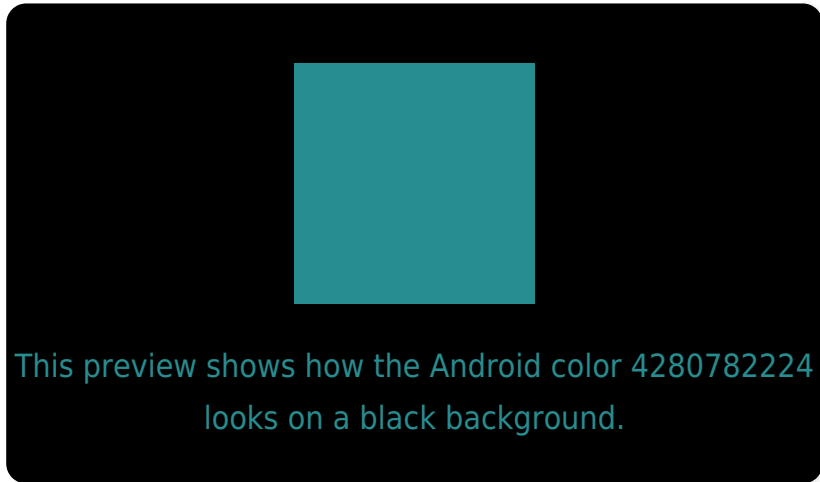
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

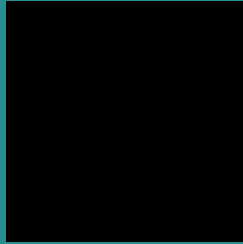
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4280782224 Background



This preview shows how black text looks on a background with the Android color 4280782224.

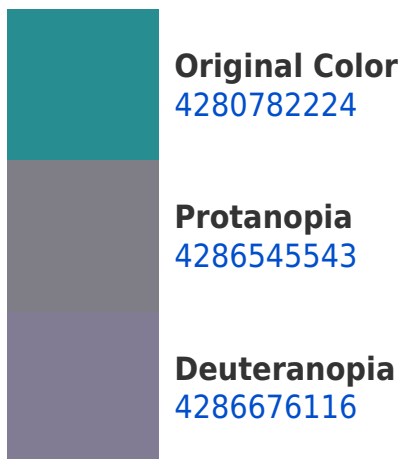


This preview shows how white text looks on a background with the Android color 4280782224.

# 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





# Trichromacy



**Original Color**  
4280782224

**Protanomaly**  
4284449674

**Deuteranomaly**  
4284514963

**Tritanomaly**  
4280978580

# Monochromacy



**Original Color**  
4280782224

**Achromatopsia**  
4285493103

**Achromatomaly**  
4283791995

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280782224 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, 141, 144)` looks like.

```
.text, #text, p{  
    color:rgb(39, 141, 144)  
}
```

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, 141, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 141, 144) }
```

## Border

The CSS property to change the border of an element to Android 4280782224 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, 141, 144) }
```

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

```
.border{ border-color:rgb(39, 141, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 141, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 141, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 141, 144);  
box-shadow:4px 4px 4px 4px rgb(39, 141,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4280782224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 141, 144) }
```

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

```
.background{ background-color: rgb(39, 141,  
144) }
```

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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