

Converting Colors

Android(4280769140)

Have a look what the booklet for
Android(4280769140) contains.

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Color

Android(4280769140)

Conversions

Conversions Part 1

Format	Color
Hex	275A74
RGB	39, 90, 116
RGB Percent	15%, 35%, 45%
CMY	0.8471, 0.6471, 0.5451
CMYK	0.66, 0.22, 0.00, 0.55
HSL	200°, 50%, 30%
HSV	200°, 66%, 45%
XYZ	7.6453, 9.0046, 17.8581
YIQ	77.7150, -38.7420, -2.7260

Conversions

Conversions Part 2

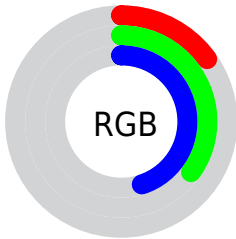
Format	Color
R_{YB}	39, 70, 116
Decimal	2579060
CIE _{Lab}	35.99, -8.27, -19.83
CIE _{LCh}	36, 21.490, 247.355
Yxy	9.0046, 0.2216, 0.2609
Android (android.graphics.Color)	4280769140 (0xFF275A74)
YUV	77.7150, 18.8745, -33.9531
Hunter-Lab	30.0077, -7.0359, -14.2791




Details

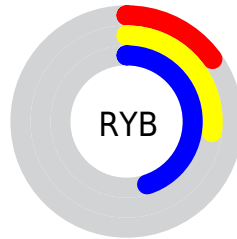
The Android color `4280769140` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4285808935`, and the grayscale version is `4283321934`.




A 20% lighter version of the original color is `4284320936`, and `4278201412` is the 20% darker color. If you saturate the color by 10%, you get `4279981684`, and if you desaturate by 10%, it is `4281556596`.

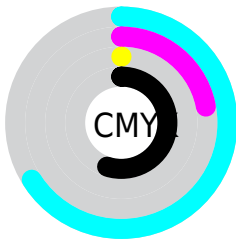
Distribution







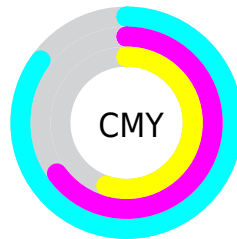
-  Red (15%)
-  Green (35%)
-  Blue (45%)






-  Red (15%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (66%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280769140 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 4280769140 by changing the saturation by 10% instead.

■ 4280769140

■ 4280769140

4294967295

■ 4278403931

■ 4284320936

■ 4278201412

■ 4286031555

■ 4278196269

■ 4287873759

■ 4278190361

■ 4289650172

■ 4278190080

■ 4291492607

■ 4293394431

■ 4280769140

■ 4280769140

■ 4279981684

■ 4281556596

■ 4279259764

■ 4282278516

■ 4278472308

■ 4283065972

■ 4278209908

■ 4283787892

■ 4284575348

■ 4285362804

■ 4286084468

■ 4286871924

■ 4287593844

Harmonies

Analogous

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



4279524713



4280769140



4282602871

Triad

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



4280769140



4285941585



4282997305

Complementary

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



4280769140



4285808935

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.



4284241202



4280769140



4285876801

Square

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



4280769140



4285417826



4285222709



4281687367

Rectangle

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



4280769140



4283781491



4285222709



4283455542

Sweetspot

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



4280769140



4286090390



4280775745



4282009165



4291611852



4283256141

Same Dimension

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



4280769140



4280184470



4280759412



4281678139



4278210938



4278232826

Inverse Universe

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



4285802330



4288028270



4285818663



4282070329



4286185553



4294574246

Previews

White Background



This preview shows how the Android color 4280769140 looks on a white background.

Color Contrast Check

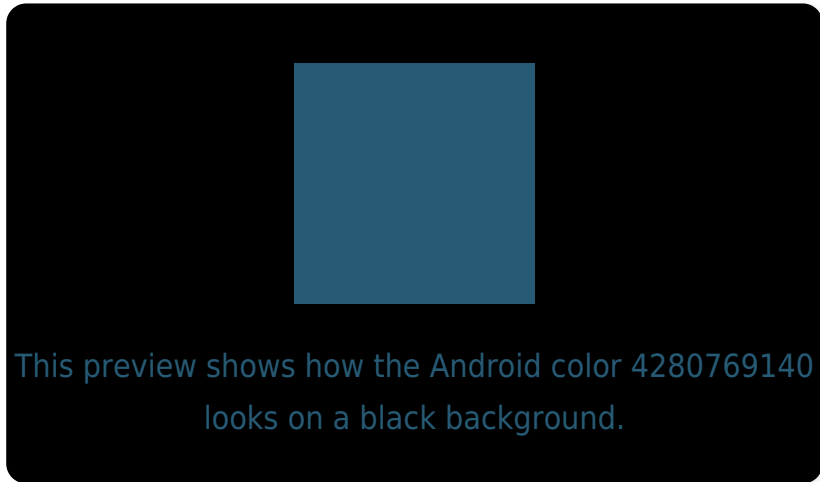
Large Text (above 18pt) WCAG AA ✓ Pass

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

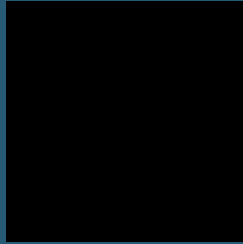
Any Text WCAG AA × Fail

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 4280769140 Background



This preview shows how black text looks on a background with the Android color 4280769140.



This preview shows how white text looks on a background with the Android color 4280769140.

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
4280769140

Protanopia
4283257711

Deuteranopia
4282995574

Trichromacy



Original Color

4280769140

Protanomaly

4282340977

Deuteranomaly

4282209909

Tritanomaly

4280376426

Monochromacy



Original Color

4280769140

Achromatopsia

4283321934

Achromatomaly

4282405468

CSS Examples

Text

The CSS property to change the color of the text to Android 4280769140 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, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(39, 90, 116)  
}
```

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, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 90, 116) }
```

Border

The CSS property to change the border of an element to Android 4280769140 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, 90, 116) }
```

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

```
.border{ border-color:rgb(39, 90, 116) }
```

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

Here you see how a box with a 4 pixel rgb(39, 90, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(39, 90,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4280769140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 90, 116) }
```

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

```
.background{ background-color: rgb(39, 90,  
116) }
```

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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