

Converting Colors

Android(4280829026)

Have a look what the booklet for
Android(4280829026) contains.

Android(4280829026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280829026)

Conversions

Conversions Part 1

Format	Color
Hex	284462
RGB	40, 68, 98
RGB Percent	16%, 27%, 38%
CMY	0.8431, 0.7333, 0.6157
CMYK	0.59, 0.31, 0.00, 0.62
HSL	211°, 42%, 27%
HSV	211°, 59%, 38%
XYZ	5.1468, 5.4672, 12.3393
YIQ	63.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

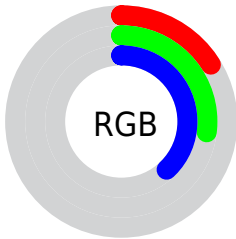
Format	Color
R _Y B	40, 59, 98
Decimal	2638946
CIE Lab	28.03, -0.61, -20.88
CIE LCh	28, 20.886, 268.338
Yxy	5.4672, 0.2242, 0.2382
Android (android.graphics.Color)	4280829026 (0xFF284462)
YUV	63.0480, 17.2313, -20.2131
Hunter-Lab	23.3820, -1.6276, -14.9214

Details

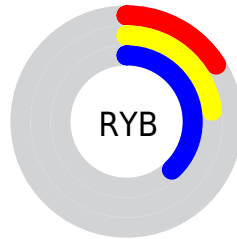
The Android color `4280829026` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4284630568`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4284118165`, and `4278196531` is the 20% darker color. If you saturate the color by 10%, you get `4280172386`, and if you desaturate by 10%, it is `4281485666`.

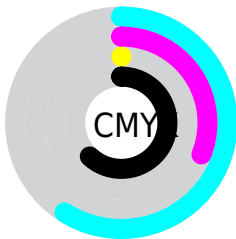
Distribution



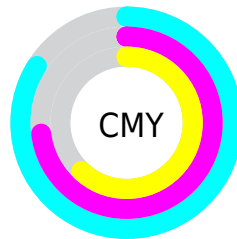
- Red (16%)
- Green (27%)
- Blue (38%)



- Red (16%)
- Yellow (23%)
- Blue (38%)



- Cyan (59%)
- Magenta (31%)
- Yellow (0%)
- Black (62%)



- Cyan (84%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280829026 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 4280829026 by changing the saturation by 10% instead.



4280829026



4280829026

4294967295



4278988362



4284118165



4278196531



4285828528



4278190622



4287539403



4278190081



4289315815



4278190080



4291158015



4293000191



4280829026



4280829026



4280172386



4281485666

■ 4279515746

■ 4282142306

■ 4278924642

■ 4282733410

■ 4278268002

■ 4283390050

■ 4278202210

■ 4284046690

■ 4284703330

■ 4285359970

■ 4285951330

■ 4286607970

Harmonies

Analogous

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



4278405213



4280829026



4282531422

Triad

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



4280829026



4284561204



4280961329

Complementary

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



4280829026



4284630568

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.



4282205733



4280829026



4284103463

Square

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



4280829026



4284495172



4283253026



4279323457

Rectangle

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



4280829026



4283447896



4283253026



4281354284

Sweetspot

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



4280829026



4285101184



4280836678



4281481280



4290756543



4282400832

Same Dimension

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



4280829026



4280635776



4280887394



4281085488



4278204016



4278220016

Inverse Universe

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



4284622916



4286588241



4284572200



4281347118



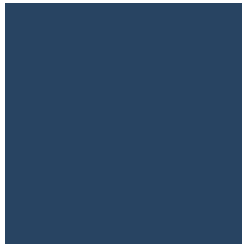
4285530166



4293918836

Previews

White Background



This preview shows how the Android color 4280829026 looks on a white background.

Color Contrast Check

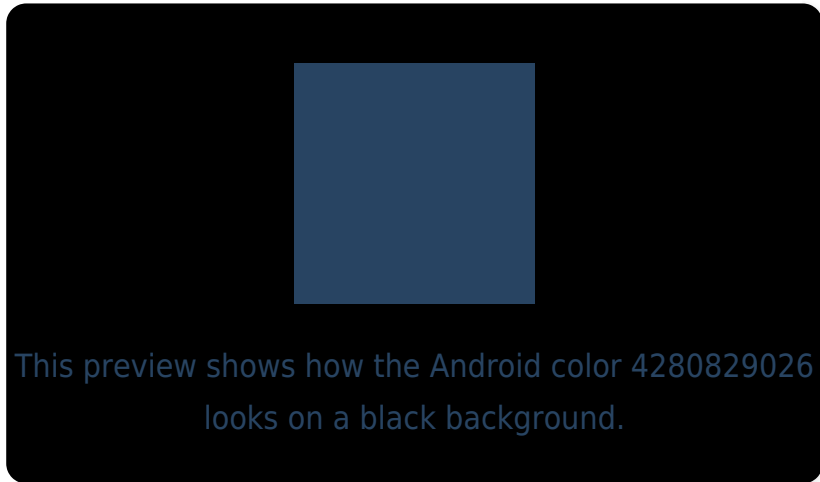
Large Text (above 18pt) WCAG AA ✓ Pass

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

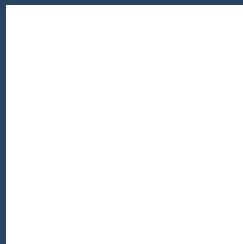
Any Text WCAG AAA × Fail

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

Android 4280829026 Background



This preview shows how black text looks on a background with the Android color 4280829026.

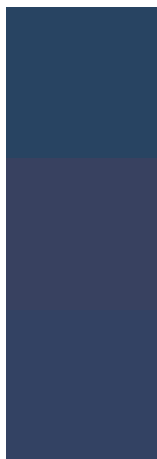


This preview shows how white text looks on a background with the Android color 4280829026.

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

4280829026

Protanopia

4281876832

Deuteranopia

4281549411

Trichromacy



Original Color

4280829026

Protanomaly

4281483873

Deuteranomaly

4281287523

Tritanomaly

4280436565

Monochromacy



Original Color

4280829026

Achromatopsia

4282335039

Achromatomaly

4281811276

CSS Examples

Text

The CSS property to change the color of the text to Android 4280829026 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(40, 68, 98)` looks like.

```
.text, #text, p{  
    color:rgb(40, 68, 98)  
}
```

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(40, 68, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 68, 98) }
```

Border

The CSS property to change the border of an element to Android 4280829026 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(40, 68, 98) }
```

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

```
.border{ border-color:rgb(40, 68, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 68, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 68, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 68, 98);  
box-shadow:4px 4px 4px 4px rgb(40, 68, 98)  
}
```

Background

The CSS property to change the background color of an element to Android 4280829026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 68, 98) }
```

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

```
.background{ background-color: rgb(40, 68,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor