

Converting Colors

Android(4280902519)

Have a look what the booklet for
Android(4280902519) contains.

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Color

Android(4280902519)

Conversions

Conversions Part 1

Format	Color
Hex	296377
RGB	41, 99, 119
RGB Percent	16%, 39%, 47%
CMY	0.8392, 0.6118, 0.5333
CMYK	0.66, 0.17, 0.00, 0.53
HSL	195°, 49%, 31%
HSV	195°, 66%, 47%
XYZ	8.7061, 10.7270, 19.0644
YIQ	83.9380, -40.9880, -6.0760

Conversions

Conversions Part 2

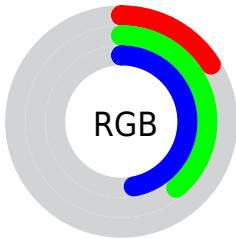
Format	Color
RYB	41, 74, 119
Decimal	2712439
CIELab	39.12, -12.18, -16.86
CIELCh	39, 20.801, 234.144
Yxy	10.7270, 0.2261, 0.2786
Android (android.graphics.Color)	4280902519 (0xFF296377)
YUV	83.9380, 17.2856, -37.6566
Hunter-Lab	32.7521, -9.8679, -11.5852




Details

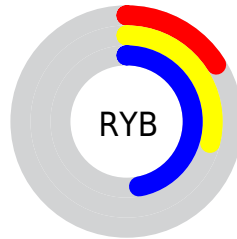
The Android color `4280902519` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286004521`, and the grayscale version is `4283716692`.




A 20% lighter version of the original color is `4284454571`, and `4278203463` is the 20% darker color. If you saturate the color by 10%, you get `4280115319`, and if you desaturate by 10%, it is `4281689719`.

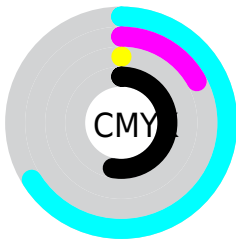
Distribution







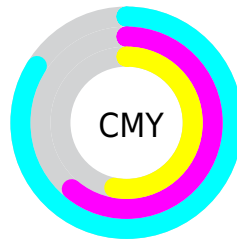
-  Red (16%)
-  Green (39%)
-  Blue (47%)






-  Red (16%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (66%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280902519 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 4280902519 by changing the saturation by 10% instead.

■ 4280902519

■ 4280902519

4294967295

■ 4278471518

■ 4284454571

■ 4278203463

■ 4286230983

■ 4278198064

■ 4288007395

■ 4278190364

■ 4289849599

■ 4278190080

■ 4291756031

■ 4293591039

■ 4280902519

■ 4280902519

■ 4280115319

■ 4281689719

■ 4279328119

■ 4282476919

■ 4278540919

■ 4283264119

■ 4278212727

■ 4284051319

■ 4284838519

■ 4285560183

■ 4286347383

■ 4287134583

■ 4287921783

Harmonies

Analogous

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



4280509801



4280902519



4282408829

Triad

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



4280902519



4286271584



4284112701

Complementary

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



4280902519



4286004521

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.



4285225531



4280902519



4286468175

Square

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



4280902519



4285420400



4286075969



4282803016

Rectangle

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



4280902519



4283587453



4286075969



4284505659

Sweetspot

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



4280902519



4286354588



4280907581



4282141263



4291809231



4283387727

Same Dimension

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



4280902519



4280384668



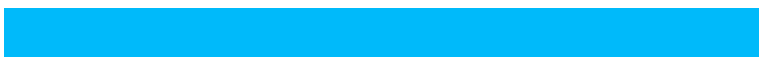
4280892791



4281678139



4278213498



4278237946

Inverse Universe

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



4285999459



4288422268



4286014249



4282070329



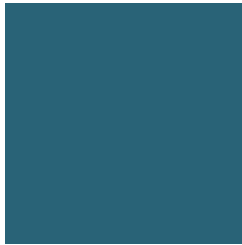
4286185563



4294574266

Previews

White Background



This preview shows how the Android color 4280902519 looks on a white background.

Color Contrast Check

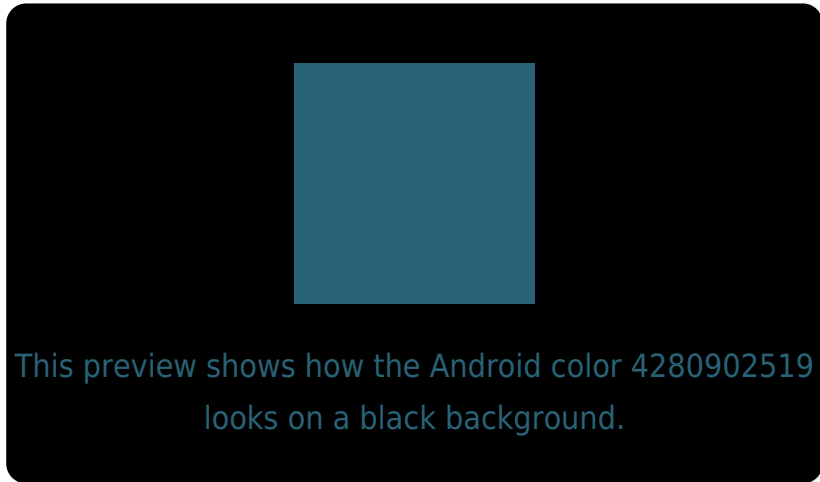
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

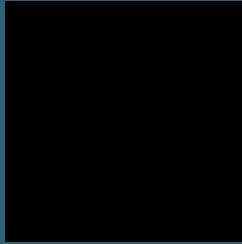
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280902519 Background



This preview shows how black text looks on a background with the Android color 4280902519.

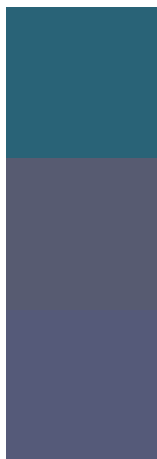


This preview shows how white text looks on a background with the Android color 4280902519.

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

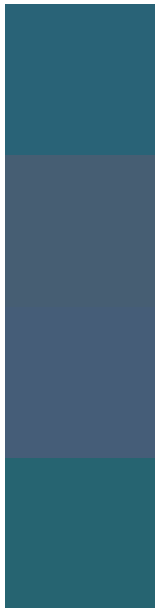


Original Color
4280902519

Protanopia
4283915121

Deuteranopia
4283783801

Trichromacy



Original Color
4280902519

Protanomaly
4282801779

Deuteranomaly
4282735992

Tritanomaly
4280706161

Monochromacy



Original Color
4280902519

Achromatopsia
4283716692

Achromatomaly
4282669409

CSS Examples

Text

The CSS property to change the color of the text to Android 4280902519 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(41, 99, 119)` looks like.

```
.text, #text, p{  
    color:rgb(41, 99, 119)  
}
```

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(41, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 99, 119) }
```

Border

The CSS property to change the border of an element to Android 4280902519 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(41, 99, 119) }
```

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

```
.border{ border-color:rgb(41, 99, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 99, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(41, 99,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280902519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 99, 119) }
```

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

```
.background{ background-color: rgb(41, 99,  
119) }
```

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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