

Converting Colors

Android(4279053919)

Have a look what the booklet for
Android(4279053919) contains.

| | |
|--|----|
| Android(4279053919) | 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(4279053919)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0D2E5F |
| RGB | 13, 46, 95 |
| RGB Percent | 5%, 18%, 37% |
| CMY | 0.9490, 0.8196, 0.6275 |
| CMYK | 0.86, 0.52, 0.00, 0.63 |
| HSL | 216°, 76%, 21% |
| HSV | 216°, 86%, 37% |
| XYZ | 3.2085, 2.8658, 11.2105 |
| YIQ | 41.7190, -35.3970, 8.2430 |

Conversions

Conversions Part 2

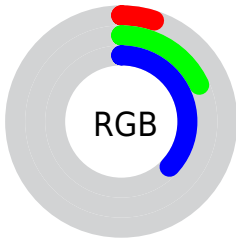
| Format | Color |
|-------------------------------------|--|
| RYB | 13, 37, 95 |
| Decimal | 863839 |
| CIELab | 19.50, 8.59, -32.53 |
| CIELCh | 19, 33.649, 284.782 |
| Yxy | 2.8658, 0.1856, 0.1658 |
| Android (android.graphics.Color) | 4279053919 (0xFF0D2E5F) |
| YUV | 41.7190, 26.2675, -25.1866 |
| Hunter-Lab | 16.9286, 4.2066, -27.4132 |

Details

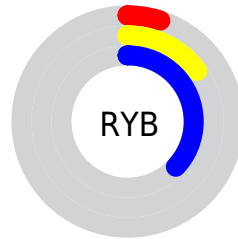
The Android color **4279053919** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284431885**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282866578**, and **4278190128** is the 20% darker color. If you saturate the color by 10%, you get **4278397023**, and if you desaturate by 10%, it is **4279645279**.

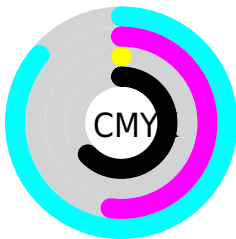
Distribution



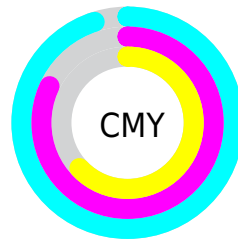
- Red (5%)
- Green (18%)
- Blue (37%)



- Red (5%)
- Yellow (15%)
- Blue (37%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279053919 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 4279053919 by changing the saturation by 10% instead.



4279053919



4279053919

4294967295



4278196807



4282866578



4278190128



4284642477



4278190363



4286352840



4278190080



4288128996



4289971199



4291813119



4293721087



4279053919



4279053919

■ 4278397023

■ 4279645279

■ 4278199903

■ 4280301919

■ 4280893279

■ 4281550175

■ 4282206815

■ 4282798175

■ 4283455071

■ 4284046175

■ 4284637535

Harmonies

Analogous

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



4278203999



4279053919



4282327890

Triad

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



4279053919



4283702796



4278204961

Complementary

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



4279053919



4284431885

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.



4279383815



4279053919



4282722560

Square

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



4279053919



4284159268



4281348608



4278204987

Rectangle

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



4279053919



4283374405



4281348608



4278204697

Sweetspot

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



4279053919



4284180346



4279066429



4280955453



4290624957



4282203453

Same Dimension

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



4279053919



4278202746



4279504223



4281085488



4278201712



4278214896

Inverse Universe

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



4284419374



4286185521



4283981581



4281347118



4285530157



4293918816

Previews

White Background



This preview shows how the Android color 4279053919 looks on a white background.

Color Contrast Check

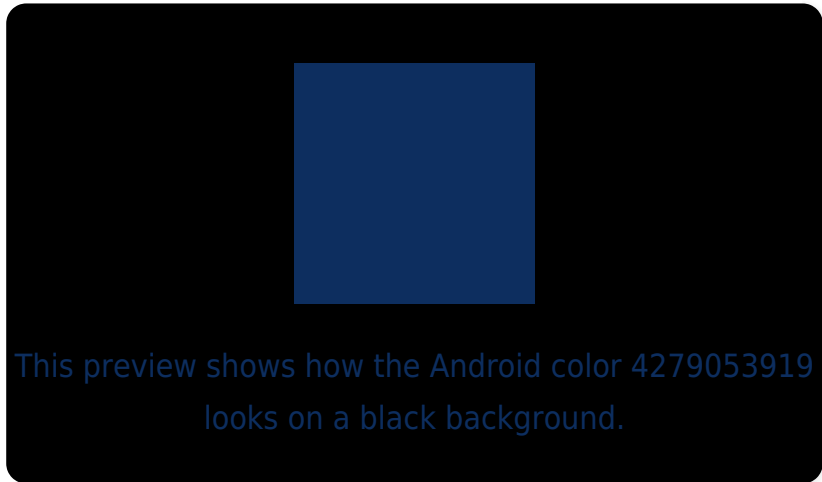
Large Text (above 18pt) WCAG AA ✓ Pass

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

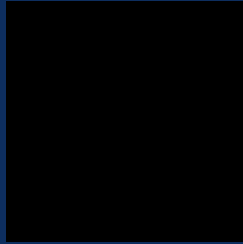
Any Text WCAG AA × Fail

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 4279053919 Background



This preview shows how black text looks on a background with the Android color 4279053919.



This preview shows how white text looks on a background with the Android color 4279053919.

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

4279053919

Protanopia

4279184991

Deuteranopia

4278202708

Trichromacy



Original Color
4279053919

Protanomaly
4279119455

Deuteranomaly
4278530136

Tritanomaly
4278530630

Monochromacy



Original Color
4279053919

Achromatopsia
4280953386

Achromatomaly
4280232765

CSS Examples

Text

The CSS property to change the color of the text to Android 4279053919 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(13, 46, 95)` looks like.

```
.text, #text, p{  
    color:rgb(13, 46, 95)  
}
```

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(13, 46, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 46, 95) }
```

Border

The CSS property to change the border of an element to Android 4279053919 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(13, 46, 95) }
```

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

```
.border{ border-color:rgb(13, 46, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 46, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 46, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 46, 95);  
box-shadow:4px 4px 4px 4px rgb(13, 46, 95)  
}
```

Background

The CSS property to change the background color of an element to Android 4279053919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 46, 95) }
```

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

```
.background{ background-color: rgb(13, 46,  
95) }
```

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