

Converting Colors

Android(4279239953)

Have a look what the booklet for
Android(4279239953) contains.

Android(4279239953)	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(4279239953)

Conversions

Conversions Part 1

Format	Color
Hex	100511
RGB	16, 5, 17
RGB Percent	6%, 2%, 7%
CMY	0.9373, 0.9804, 0.9333
CMYK	0.06, 0.71, 0.00, 0.93
HSL	295°, 55%, 4%
HSV	295°, 71%, 7%
XYZ	0.3691, 0.2592, 0.5609
YIQ	9.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

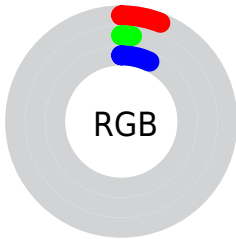
Format	Color
RYB	16, 5, 17
Decimal	1049873
CIELab	2.34, 5.03, -3.99
CIElCh	2, 6.418, 321.605
Yxy	0.2592, 0.3104, 0.2179
Android (android.graphics.Color)	4279239953 (0xFF100511)
YUV	9.6570, 3.6201, 5.5628
Hunter-Lab	5.0909, 4.0338, -2.9686

Details

The Android color **4279239953** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278587653**, and the grayscale version is **4278848010**.

A 20% lighter version of the original color is **4282004283**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279239441**, and if you desaturate by 10%, it is **4279240465**.

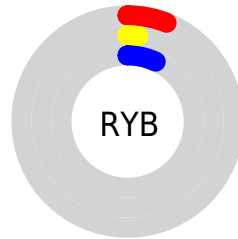
Distribution



Red (6%)

Green (2%)

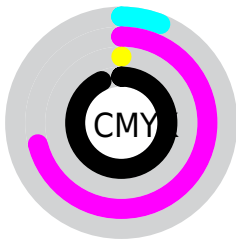
Blue (7%)



Red (6%)

Yellow (2%)

Blue (7%)

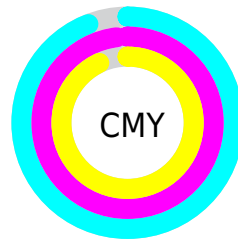


Cyan (6%)

Magenta (71%)

Yellow (0%)

Black (93%)



Cyan (94%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279239953 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 4279239953 by changing the saturation by 10% instead.

■ 4279239953

■ 4279239953

■ 4293977841

■ 4278190080

■ 4282004283

■ 4283517522

■ 4285096299

■ 4286806660

■ 4288517278

■ 4290293689

■ 4292070100

■ 4279239953

■ 4279239953

■ 4279239441

■ 4279240465

■ 4279239185

■ 4279240721

■ 4279238673

■ 4279241233

■ 4279307281

■ 4279307793

■ 4279308049

■ 4279308561

■ 4279309073

■ 4279309329

Harmonies

Analogous

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



4278716180



4279239953



4279567371

Triad

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



4279239953



4279174912



4278193422

Complementary

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



4279239953



4278587653

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.



4278193414



4279239953



4278651392

Square

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



4279239953



4279502080



4278193152



4278193170

Rectangle

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



4279239953



4279632902



4278193152



4278193419

Sweetspot

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



4279239953



4279702039



4278519313



4278979085



4287401100



4279045389

Same Dimension

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



4279239953



4279567127



4279305484



4278716168



4282449991



4290117831

Inverse Universe

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



4279305478



4279698181



4278522122



4278716167



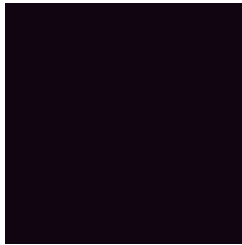
4282843142



4291231761

Previews

White Background



This preview shows how the Android color 4279239953 looks on a white background.

Color Contrast Check

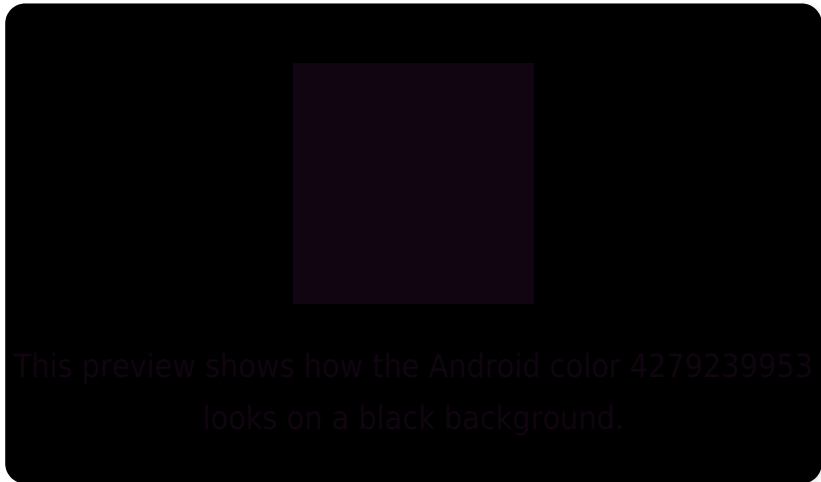
Large Text (above 18pt) WCAG AA ✓ Pass

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

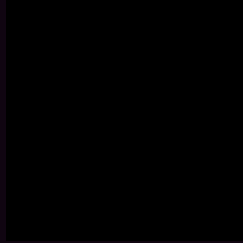
Any Text WCAG AA × Fail

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 4279239953 Background



This preview shows how black text looks on a background with the Android color 4279239953.



This preview shows how white text looks on a background with the Android color 4279239953.

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
4279239953

Protanopia
4278192661

Deuteranopia
4278585872



Tritanopia
4279175176

Trichromacy



Original Color

4279239953

Protanomaly

4278585364

Deuteranomaly

4278847504

Tritanomaly

4279174923

Monochromacy



Original Color

4279239953

Achromatopsia

4278848010

Achromatomaly

4278978573

CSS Examples

Text

The CSS property to change the color of the text to Android 4279239953 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(16, 5, 17)` looks like.

```
.text, #text, p{  
    color:rgb(16, 5, 17)  
}
```

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(16, 5, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 5, 17) }
```

Border

The CSS property to change the border of an element to Android 4279239953 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(16, 5, 17) }
```

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

```
.border{ border-color:rgb(16, 5, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 5, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 5, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(16, 5, 17); box-shadow:4px  
4px 4px 4px rgb(16, 5, 17) }
```

Background

The CSS property to change the background color of an element to Android 4279239953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 5, 17) }
```

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

```
.background{ background-color: rgb(16, 5,  
17) }
```

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