

Converting Colors

Android(4279369786)

Have a look what the booklet for
Android(4279369786) contains.

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Color

Android(4279369786)

Conversions

Conversions Part 1

Format	Color
Hex	12003A
RGB	18, 0, 58
RGB Percent	7%, 0%, 23%
CMY	0.9294, 1.0000, 0.7725
CMYK	0.69, 1.00, 0.00, 0.77
HSL	259°, 100%, 11%
HSV	259°, 100%, 23%
XYZ	1.0132, 0.4341, 4.0334
YIQ	11.9940, -7.8900, 21.8540

Conversions

Conversions Part 2

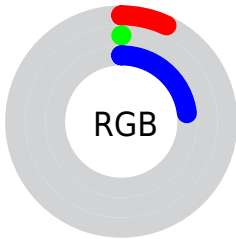
Format	Color
R_{YB}	18, 0, 58
Decimal	1179706
CIE Lab	3.92, 24.17, -32.32
CIE LCh	4, 40.363, 306.791
Yxy	0.4341, 0.1849, 0.0792
Android (android.graphics.Color)	4279369786 (0xFF12003A)
YUV	11.9940, 22.6810, 5.2673
Hunter-Lab	6.5885, 15.9196, -31.6843

Details

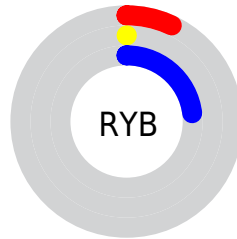
The Android color **4279369786** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280826368**, and the grayscale version is **4278979596**.

A 20% lighter version of the original color is **4282461546**, and **4278190091** is the 20% darker color. If you saturate the color by 10%, you get **4279369786**, and if you desaturate by 10%, it is **4279633466**.

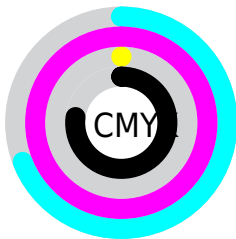
Distribution



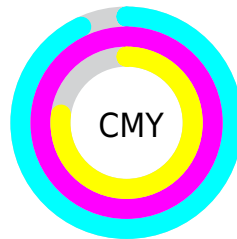
- Red (7%)
- Green (0%)
- Blue (23%)



- Red (7%)
- Yellow (0%)
- Blue (23%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (93%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279369786 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 4279369786 by changing the saturation by 10% instead.

 4279369786

 4279369786

 4294893823

 4278190628

 4282461546

 4278190091


 4284105859

 4278190080

 4285815966

 4287526329

 4289302229

 4291144177

 4292986111

 4279369786

■ 4279633466

■ 4279897146

■ 4280160570

■ 4280424250

■ 4280687930

■ 4280951610

■ 4281215290

■ 4281478714

■ 4281742394

Harmonies

Analogous

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



4278194245



4279369786



4281401381

Triad

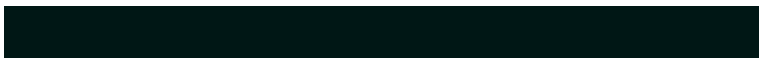
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4279369786



4280680704



4278195989

Complementary

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



4279369786



4280826368

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.



4278195712



4279369786



4278849536

Square

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



4279369786



4281597952



4278195712



4278196271

Rectangle

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



4279369786



4281860115



4278195712



4278195720

Sweetspot

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



4279369786



4282201677



4278200634



4280096806



4289111718



4280690214

Same Dimension

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



4279369786



4279763021



4281204794



4279900444



4280025180



4282646747

Inverse Universe

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



4281991208



4283236405



4278991360



4280031515



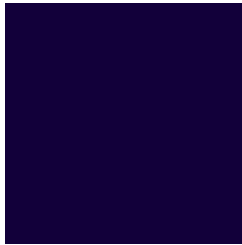
4284219455



4292542615

Previews

White Background



This preview shows how the Android color 4279369786 looks on a white background.

Color Contrast Check

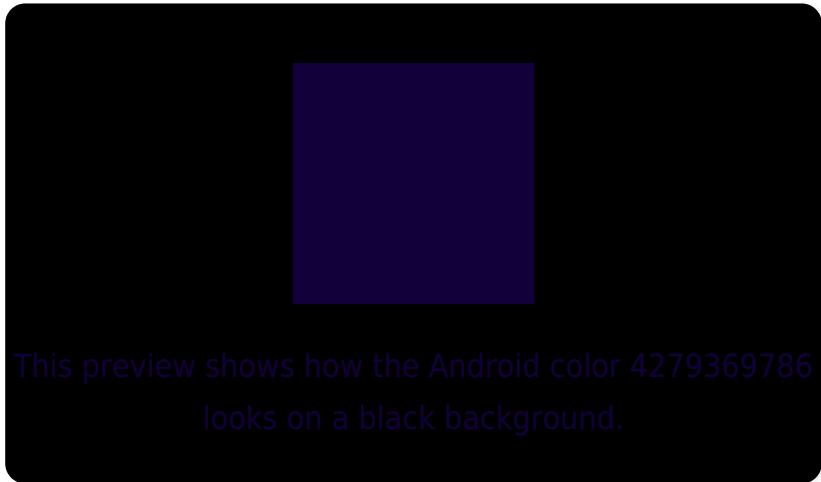
Large Text (above 18pt) WCAG AA ✓ Pass

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

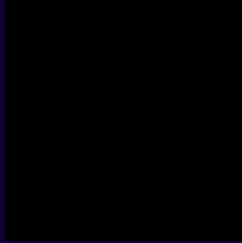
Any Text WCAG AA × Fail

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 4279369786 Background



This preview shows how black text looks on a background with the Android color 4279369786.



This preview shows how white text looks on a background with the Android color 4279369786.

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
4279369786

Protanopia
4278194983

Deuteranopia
4278195233

Trichromacy



Original Color

4279369786

Protanomaly

4278651950

Deuteranomaly

4278652202

Tritanomaly

4278652196

Monochromacy



Original Color

4279369786

Achromatopsia

4278979596

Achromatomaly

4279109661

CSS Examples

Text

The CSS property to change the color of the text to Android 4279369786 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(18, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(18, 0, 58)  
}
```

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(18, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 0, 58) }
```

Border

The CSS property to change the border of an element to Android 4279369786 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(18, 0, 58) }
```

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

```
.border{ border-color:rgb(18, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(18, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 0, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 0, 58); box-shadow:4px  
4px 4px 4px rgb(18, 0, 58) }
```

Background

The CSS property to change the background color of an element to Android 4279369786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 0, 58) }
```

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

```
.background{ background-color: rgb(18, 0,  
58) }
```

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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