

Converting Colors

Android(4278191675)

Have a look what the booklet for
Android(4278191675) contains.

Android(4278191675)	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(4278191675)

Conversions

Conversions Part 1

Format	Color
Hex	00063B
RGB	0, 6, 59
RGB Percent	0%, 2%, 23%
CMY	1.0000, 0.9765, 0.7686
CMYK	1.00, 0.90, 0.00, 0.77
HSL	234°, 100%, 12%
HSV	234°, 100%, 23%
XYZ	0.8545, 0.4460, 4.1787
YIQ	10.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

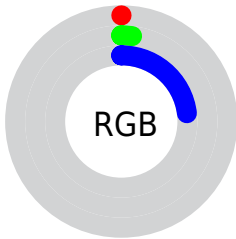
Format	Color
RYB	0, 5, 59
Decimal	1595
CIELab	4.03, 17.64, -32.93
CIELCh	4, 37.355, 298.174
Yxy	0.4460, 0.1560, 0.0814
Android (android.graphics.Color)	4278191675 (0xFF00063B)
YUV	10.2480, 24.0347, -8.9875
Hunter-Lab	6.6784, 11.1527, -32.4230

Details

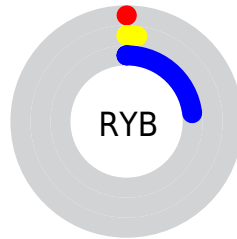
The Android color **4278191675** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282070272**, and the grayscale version is **4278848010**.

A 20% lighter version of the original color is **4281610859**, and **4278190349** is the 20% darker color. If you saturate the color by 10%, you get **4278191675**, and if you desaturate by 10%, it is **4278586171**.

Distribution



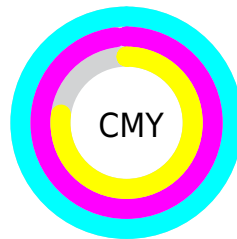
- Red (0%)
- Green (2%)
- Blue (23%)



- Red (0%)
- Yellow (2%)
- Blue (23%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191675 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 4278191675 by changing the saturation by 10% instead.

 4278191675

 4278191675

 4293977599

 4278190629

 4281610859

 4278190349

 4283255172

 4278190080

 4284965279

 4286675642

 4288451542

 4290227954

 4292069887

 4278191675

■ 4278586171

■ 4278980923

■ 4279375419

■ 4279769915

■ 4280099131

■ 4280493627

■ 4280888123

■ 4281282619

■ 4281677371

Harmonies

Analogous

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



4278195009



4278191675



4280942634

Triad

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



4278191675



4280877056



4278195979

Complementary

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



4278191675



4282070272

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.



4278195968



4278191675



4279635200

Square

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



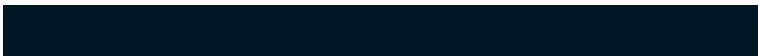
4278191675



4281597952



4278195968



4278196262

Rectangle

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



4278191675



4281597979



4278195968

Sweetspot

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



4278191675



4281743437



4278205236



4279769638



4289111718



4280690214

Same Dimension

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



4278191675



4278192205



4279697467



4280032287



4278192734



4278196190

Inverse Universe

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



4282056710



4283236360



4280564480



4280228892



4284350474



4292739095

Previews

White Background



This preview shows how the Android color 4278191675 looks on a white background.

Color Contrast Check

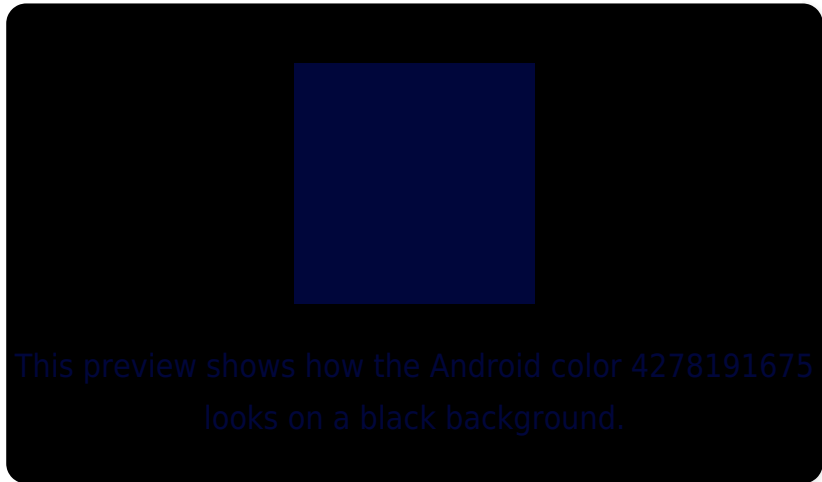
Large Text (above 18pt) WCAG AA ✓ Pass

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

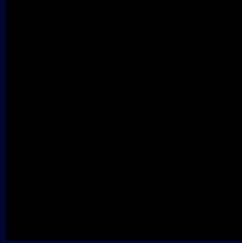
Any Text WCAG AA × Fail

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 4278191675 Background



This preview shows how black text looks on a background with the Android color 4278191675.



This preview shows how white text looks on a background with the Android color 4278191675.

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


4278191675

Protanopia

4278194725

Deuteranopia

4278194975



Tritanopia
4278195221

Trichromacy



Original Color

4278191675

Protanomaly

4278193709

Deuteranomaly

4278193705

Tritanomaly

4278193955

Monochromacy



Original Color

4278191675

Achromatopsia

4278848010

Achromatomaly

4278585628

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191675 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(0, 6, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 59)  
}
```

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(0, 6, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 59) }
```

Border

The CSS property to change the border of an element to Android 4278191675 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(0, 6, 59) }
```

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

```
.border{ border-color:rgb(0, 6, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 6, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 59); box-shadow:4px  
4px 4px 4px rgb(0, 6, 59) }
```

Background

The CSS property to change the background color of an element to Android 4278191675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 59) }
```

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

```
.background{ background-color: rgb(0, 6,  
59) }
```

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