

Converting Colors

Android(4278207071)

Have a look what the booklet for
Android(4278207071) contains.

Android(4278207071)	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(4278207071)

Conversions

Conversions Part 1

Format	Color
Hex	00425F
RGB	0, 66, 95
RGB Percent	0%, 26%, 37%
CMY	1.0000, 0.7412, 0.6275
CMYK	1.00, 0.31, 0.00, 0.63
HSL	198°, 100%, 19%
HSV	198°, 100%, 37%
XYZ	4.0138, 4.7227, 11.5265
YIQ	49.5720, -48.6450, -4.9730

Conversions

Conversions Part 2

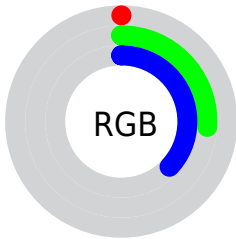
Format	Color
RYB	0, 39, 95
Decimal	16991
CIELab	25.93, -6.61, -22.32
CIELCh	26, 23.278, 253.494
Yxy	4.7227, 0.1981, 0.2331
Android (android.graphics.Color)	4278207071 (0xFF00425F)
YUV	49.5720, 22.3960, -43.4746
Hunter-Lab	21.7317, -5.0620, -16.2353

Details

The Android color **4278207071** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284423424**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4282544786**, and **4278196273** is the 20% darker color. If you saturate the color by 10%, you get **4278207071**, and if you desaturate by 10%, it is **4278797663**.

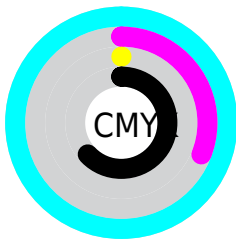
Distribution



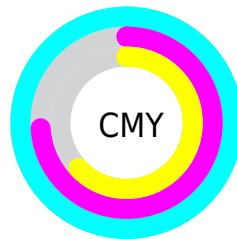
- Red (0%)
- Green (26%)
- Blue (37%)



- Red (0%)
- Yellow (15%)
- Blue (37%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (63%)



- Cyan (100%)
- Magenta (74%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207071 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 4278207071 by changing the saturation by 10% instead.

 4278207071

 4278207071

4294967295

 4278201415

 4282544786

 4278196273

 4284320684

 4278190364

 4286097096

 4278190080

 4287873508

 4289715711

 4291557887

 4293459967

 4278207071

■ 4278797663

■ 4279453791

■ 4280109919

■ 4280700511

■ 4281356383

■ 4281946975

■ 4282603103

■ 4283193695

■ 4283849823

Harmonies

Analogous

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



4278207829



4278207071



4281285728

Triad

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



4278207071



4284428086



4281156387

Complementary

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



4278207071



4284423424

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.



4282400538



4278207071



4284166950

Square

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



4278207071



4284035144



4283447579



4279387699

Rectangle

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



4278207071



4282529883



4283447579



4281614879

Sweetspot

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



4278207071



4283854714



4278214429



4280759869



4290624957



4282203453

Same Dimension

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



4278207071



4278211962



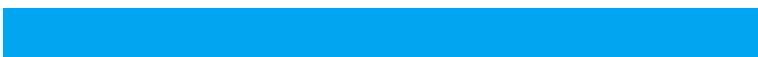
4278195039



4281085744



4278210160



4278233072

Inverse Universe

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



4284416066



4286185557



4284435456



4281347119



4285530190



4293918887

Previews

White Background



This preview shows how the Android color 4278207071 looks on a white background.

Color Contrast Check

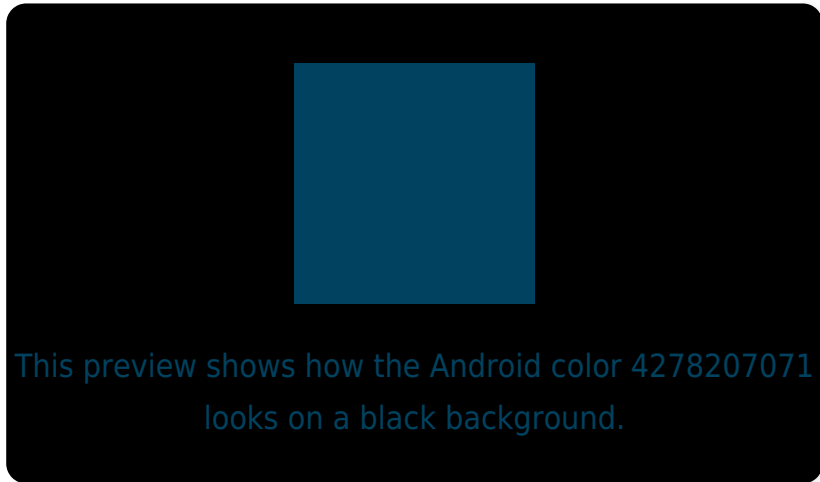
Large Text (above 18pt) WCAG AA ✓ Pass

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

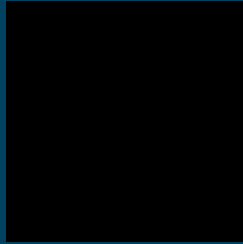
Any Text WCAG AA × Fail

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 4278207071 Background



This preview shows how black text looks on a background with the Android color 4278207071.



This preview shows how white text looks on a background with the Android color 4278207071.

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

4278207071

Protanopia

4281613659

Deuteranopia

4281089632

Trichromacy



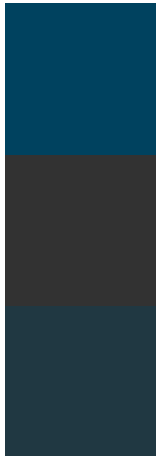
Original Color
4278207071

Protanomaly
4280368988

Deuteranomaly
4280041312

Tritanomaly
4278207570

Monochromacy



Original Color
4278207071

Achromatopsia
4281479730

Achromatomaly
4280301634

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207071 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, 66, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 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(0, 66, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 95) }
```

Border

The CSS property to change the border of an element to Android 4278207071 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, 66, 95) }
```

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

```
.border{ border-color:rgb(0, 66, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 66, 95); box-shadow:4px  
4px 4px 4px rgb(0, 66, 95) }
```

Background

The CSS property to change the background color of an element to Android 4278207071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 95) }
```

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

```
.background{ background-color: rgb(0, 66,  
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