

Converting Colors

Android(4278204273)

Have a look what the booklet for
Android(4278204273) contains.

Android(4278204273)	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>	28

Color

Android(4278204273)

Conversions

Conversions Part 1

Format	Color
Hex	003771
RGB	0, 55, 113
RGB Percent	0%, 22%, 44%
CMY	1.0000, 0.7843, 0.5569
CMYK	1.00, 0.51, 0.00, 0.56
HSL	211°, 100%, 22%
HSV	211°, 100%, 44%
XYZ	4.3468, 3.9246, 16.1512
YIQ	45.1670, -51.3980, 6.3780

Conversions

Conversions Part 2

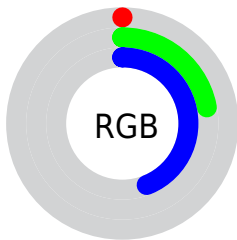
Format	Color
RYB	0, 37, 113
Decimal	14193
CIELab	23.42, 8.89, -37.90
CIElCh	23, 38.933, 283.198
Yxy	3.9246, 0.1780, 0.1607
Android (android.graphics.Color)	4278204273 (0xFF003771)
YUV	45.1670, 33.4417, -39.6115
Hunter-Lab	19.8107, 4.4975, -34.4704

Details

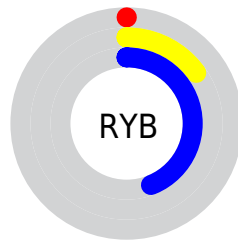
The Android color `4278204273` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285610496`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4282934693`, and `4278193216` is the 20% darker color. If you saturate the color by 10%, you get `4278204273`, and if you desaturate by 10%, it is `4278926705`.

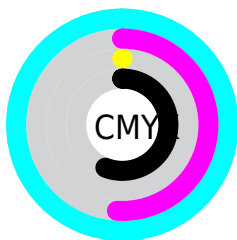
Distribution



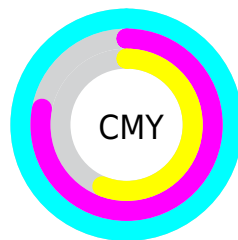
- Red (0%)
- Green (22%)
- Blue (44%)



- Red (0%)
- Yellow (15%)
- Blue (44%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204273 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 4278204273 by changing the saturation by 10% instead.

 4278204273

 4278204273

4294967295

 4278198872

 4282934693

 4278193216

 4284710593

 4278190890

 4286552285

 4278190356

 4288393978

 4278190080

 4290236159

 4292078335

 4294049791

 4278204273

■ 4278926705

■ 4279714673

■ 4280436849

■ 4281159281

■ 4281947249

■ 4282669681

■ 4283392113

■ 4284114289

■ 4284902257

Harmonies

Analogous

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



4278206576



4278204273



4282985059

Triad

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



4278204273



4284752657



4278207526

Complementary

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



4278204273



4285610496

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.



4279648519



4278204273



4283576320

Square

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



4278204273



4285208364



4282006016



4278207812

Rectangle

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



4278204273



4284292947



4282006016



4278207260

Sweetspot

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



4278204273



4285037972



4278219065



4281285706



4291414473



4283058762

Same Dimension

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



4278204273



4278208660



4278190193



4281480504



4278205048



4278221047

Inverse Universe

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



4285595703



4287889480



4285624576



4281872949



4286054458



4294377592

Previews

White Background



This preview shows how the Android color 4278204273 looks on a white background.

Color Contrast Check

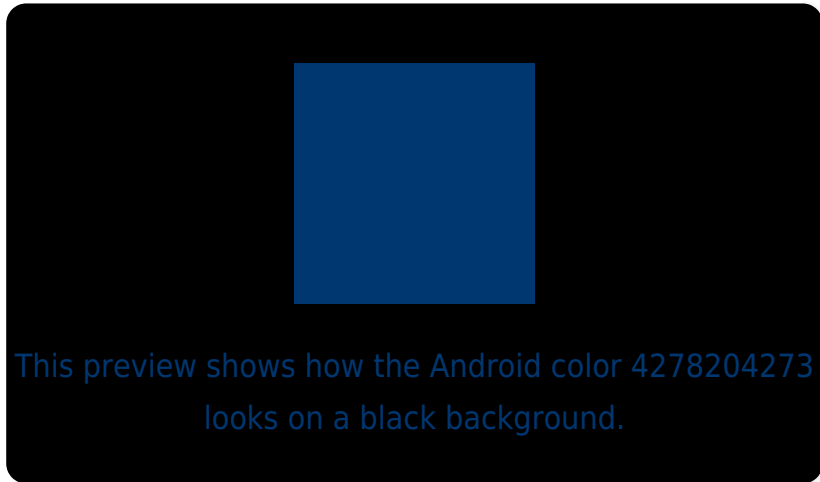
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278204273 Background



This preview shows how black text looks on a background with the Android color 4278204273.



This preview shows how white text looks on a background with the Android color 4278204273.

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



Trichromacy



Original Color

4278204273

Protanomaly

4278924912

Tritanomaly

4278205524

Monochromacy



Original Color

4278204273

Achromatopsia

4281150765

Achromatomaly

4280103238

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204273 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, 55, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 113)  
}
```

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, 55, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 113) }
```

Border

The CSS property to change the border of an element to Android 4278204273 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, 55, 113) }
```

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

```
.border{ border-color:rgb(0, 55, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 113)  
}
```

Background

The CSS property to change the background color of an element to Android 4278204273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 113) }
```

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

```
.background{ background-color: rgb(0, 55,  
113) }
```

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