

Converting Colors

Android(4278208633)

Have a look what the booklet for
Android(4278208633) contains.

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Color

Android(4278208633)

Conversions

Conversions Part 1

Format	Color
Hex	004879
RGB	0, 72, 121
RGB Percent	0%, 28%, 47%
CMY	1.0000, 0.7176, 0.5255
CMYK	1.00, 0.40, 0.00, 0.53
HSL	204°, 100%, 24%
HSV	204°, 100%, 47%
XYZ	5.7686, 6.0152, 18.9462
YIQ	56.0580, -58.6410, -0.0250

Conversions

Conversions Part 2

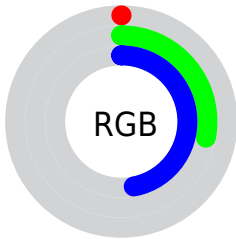
Format	Color
RYB	0, 45, 121
Decimal	18553
CIELab	29.45, 0.58, -33.29
CIELCh	29, 33.298, 271.005
Yxy	6.0152, 0.1877, 0.1957
Android (android.graphics.Color)	4278208633 (0xFF004879)
YUV	56.0580, 32.0164, -49.1629
Hunter-Lab	24.5259, -0.9367, -28.6332

Details

The Android color **4278208633** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286132480**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283070638**, and **4278197576** is the 20% darker color. If you saturate the color by 10%, you get **4278208633**, and if you desaturate by 10%, it is **4278996345**.

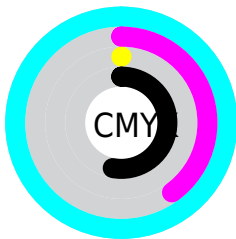
Distribution



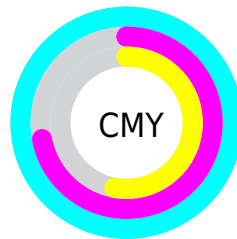
- Red (0%)
- Green (28%)
- Blue (47%)



- Red (0%)
- Yellow (18%)
- Blue (47%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208633 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 4278208633 by changing the saturation by 10% instead.

 4278208633

 4278208633

4294967295

 4278202976

 4283070638

 4278197576

 4284912329

 4278191153

 4286754022

 4278190363

 4288595967

 4278190080

 4290438143

 4292345855

 4294311935

 4278208633

■ 4278996345

■ 4279784057

■ 4280571769

■ 4281359481

■ 4282147193

■ 4283000185

■ 4283787897

■ 4284575609

■ 4285363321

Harmonies

Analogous

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



4278210162



4278208633



4282859122

Triad

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



4278208633



4285739308



4279324715

Complementary

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



4278208633



4286132480

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.



4281879574



4278208633



4284955416

Square

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



4278208633



4285738566



4283581453



4278211141

Rectangle

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



4278208633



4284299110



4283581453



4280438563

Sweetspot

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



4278208633



4285500318



4278221104



4281549903



4291809231



4283387727

Same Dimension

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



4278208633



4278214302



4278193273



4281809725



4278209149



4278228732

Inverse Universe

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



4286120008



4288544862



4286147840



4282201915



4286382154



4294705302

Previews

White Background



This preview shows how the Android color 4278208633 looks on a white background.

Color Contrast Check

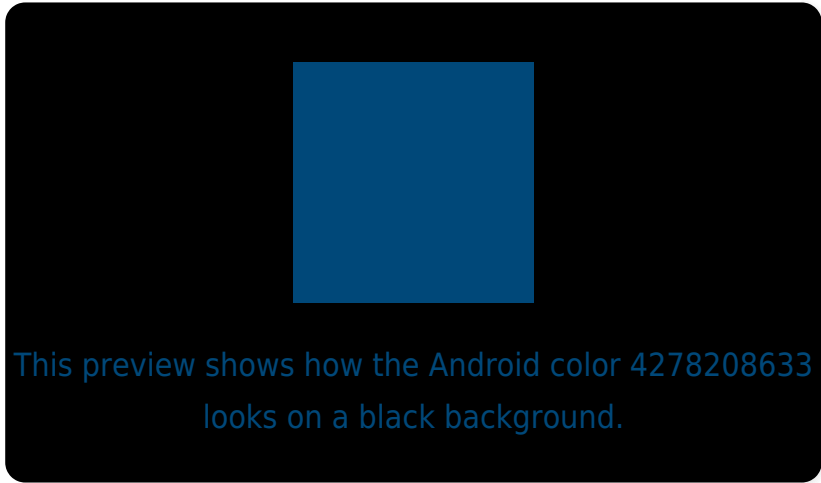
Large Text (above 18pt) WCAG AA ✓ Pass

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

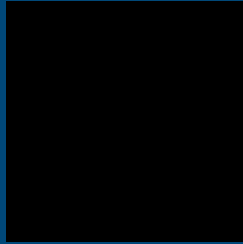
Any Text WCAG AA × Fail

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 4278208633 Background



This preview shows how black text looks on a background with the Android color 4278208633.



This preview shows how white text looks on a background with the Android color 4278208633.

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

4278208633

Protanopia

4281418869

Deuteranopia

4280043385

Trichromacy



Original Color

4278208633

Protanomaly

4280239478

Deuteranomaly

4279388025

Tritanomaly

4278209633

Monochromacy



Original Color

4278208633

Achromatopsia

4281874488

Achromatomaly

4280565328

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208633 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, 72, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 121)  
}
```

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, 72, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 121) }
```

Border

The CSS property to change the border of an element to Android 4278208633 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, 72, 121) }
```

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

```
.border{ border-color:rgb(0, 72, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 72, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 72, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 72, 121)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 121) }
```

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

```
.background{ background-color: rgb(0, 72,  
121) }
```

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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