

Converting Colors

Android(4278800493)

Have a look what the booklet for
Android(4278800493) contains.

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Color

Android(4278800493)

Conversions

Conversions Part 1

Format	Color
Hex	09506D
RGB	9, 80, 109
RGB Percent	4%, 31%, 43%
CMY	0.9647, 0.6863, 0.5725
CMYK	0.92, 0.27, 0.00, 0.57
HSL	197°, 85%, 23%
HSV	197°, 92%, 43%
XYZ	5.7416, 6.8995, 15.4971
YIQ	62.0770, -51.6250, -6.0330

Conversions

Conversions Part 2

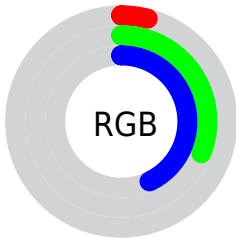
Format	Color
R_{YB}	9, 51, 109
Decimal	610413
CIE _{Lab}	31.58, -8.89, -22.39
CIE _{LCh}	32, 24.092, 248.353
Yxy	6.8995, 0.2041, 0.2452
Android (android.graphics.Color)	4278800493 (0xFF09506D)
YUV	62.0770, 23.1330, -46.5485
Hunter-Lab	26.2669, -6.9492, -16.5934

Details

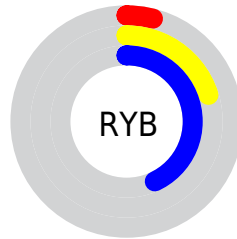
The Android color **4278800493** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4285343241**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4283072929**, and **4278199357** is the 20% darker color. If you saturate the color by 10%, you get **4278209901**, and if you desaturate by 10%, it is **4279522157**.

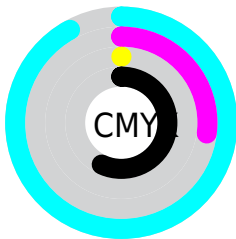
Distribution



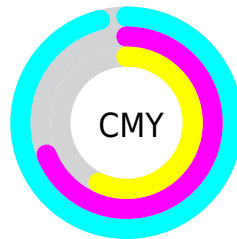
- Red (4%)
- Green (31%)
- Blue (43%)



- Red (4%)
- Yellow (20%)
- Blue (43%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (57%)



- Cyan (96%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278800493 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 4278800493 by changing the saturation by 10% instead.

■ 4278800493

■ 4278800493

4294967295

■ 4278204757

■ 4283072929

■ 4278199357

■ 4284914620

■ 4278193447

■ 4286691032

■ 4278190353

■ 4288467700

■ 4278190080

■ 4290375423

■ 4292214783

■ 4294115327

■ 4278800493

■ 4278800493

■ 4278209901

■ 4279522157

■ 4280243821

■ 4280965485

■ 4281687405

■ 4282343533

■ 4283065197

■ 4283786861

■ 4284508525

■ 4285230189

Harmonies

Analogous

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



4278211425



4278800493



4281748079

Triad

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



4278800493



4285414214



4282208300

Complementary

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



4278800493



4285343241

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.



4283517732



4278800493



4285283892

Square

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



4278800493



4284890457



4284630055



4280570684

Rectangle

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



4278800493



4283057771



4284630055



4282666792

Sweetspot

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



4278800493



4284973967



4278807845



4281286727



4291282887



4282861383

Same Dimension

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



4278800493



4278216079



4278787949



4281349174



4278211445



4278234869

Inverse Universe

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



4285335888



4287561829



4285355785



4281741364



4285857875



4294246574

Previews

White Background



This preview shows how the Android color 4278800493 looks on a white background.

Color Contrast Check

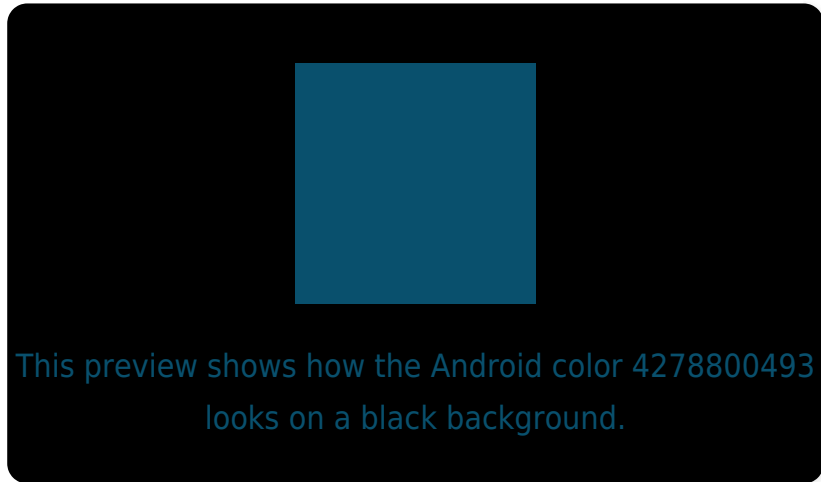
Large Text (above 18pt) WCAG AA ✓ Pass

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

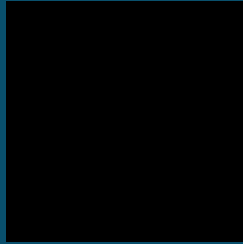
Any Text WCAG AA × Fail

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 4278800493 Background



This preview shows how black text looks on a background with the Android color 4278800493.

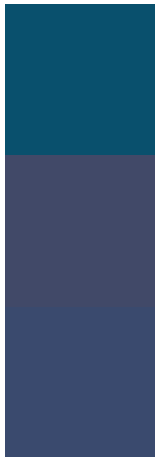


This preview shows how white text looks on a background with the Android color 4278800493.

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
4278800493

Protanopia
4282468712

Deuteranopia
4282010222

Trichromacy



Original Color

4278800493

Protanomaly

4281158762

Deuteranomaly

4280831086

Tritanomaly

4278407776

Monochromacy



Original Color

4278800493

Achromatopsia

4282269246

Achromatomaly

4281025871

CSS Examples

Text

The CSS property to change the color of the text to Android 4278800493 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(9, 80, 109)` looks like.

```
.text, #text, p{  
    color:rgb(9, 80, 109)  
}
```

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(9, 80, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 80, 109) }
```

Border

The CSS property to change the border of an element to Android 4278800493 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(9, 80, 109) }
```

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

```
.border{ border-color:rgb(9, 80, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 80, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 80, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 80, 109);  
box-shadow:4px 4px 4px 4px rgb(9, 80, 109)  
}
```

Background

The CSS property to change the background color of an element to Android 4278800493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 80, 109) }
```

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

```
.background{ background-color: rgb(9, 80,  
109) }
```

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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