

Converting Colors

Android(4278193558)

Have a look what the booklet for
Android(4278193558) contains.

Android(4278193558)	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(4278193558)

Conversions

Conversions Part 1

Format	Color
Hex	000D96
RGB	0, 13, 150
RGB Percent	0%, 5%, 59%
CMY	1.0000, 0.9490, 0.4118
CMYK	1.00, 0.91, 0.00, 0.41
HSL	235°, 100%, 29%
HSV	235°, 100%, 59%
XYZ	5.6489, 2.4899, 29.0370
YIQ	24.7310, -51.7250, 39.8510

Conversions

Conversions Part 2

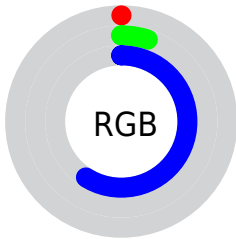
Format	Color
RYB	0, 12, 150
Decimal	3478
CIELab	17.87, 49.12, -70.33
CIELCh	18, 85.789, 304.931
Yxy	2.4899, 0.1520, 0.0670
Android (android.graphics.Color)	4278193558 (0xFF000D96)
YUV	24.7310, 61.7576, -21.6891
Hunter-Lab	15.7793, 36.2888, -98.0599

Details

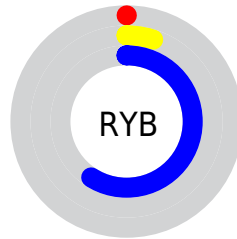
The Android color `4278193558` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4288055552`, and the grayscale version is `4279769112`.

A 20% lighter version of the original color is `4284038862`, and `4278190178` is the 20% darker color. If you saturate the color by 10%, you get `4278193558`, and if you desaturate by 10%, it is `4279180182`.

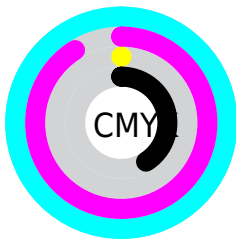
Distribution



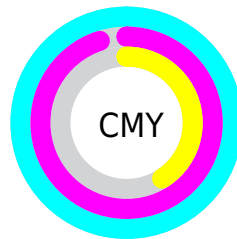
- Red (0%)
- Green (5%)
- Blue (59%)



- Red (0%)
- Yellow (5%)
- Blue (59%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (95%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193558 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 4278193558 by changing the saturation by 10% instead.

 4278193558

 4278193558

 4294966015

 4278190203

 4284038862

 4278190178

 4286011370

 4278192200

 4287983871

 4278191153

 4289956607

 4278190363

 4291929599

 4278190080

 4293902847

 4294958591

 4278193558

■ 4279180182

■ 4280166550

■ 4281153174

■ 4282139798

■ 4283126166

■ 4284112790

■ 4285099414

■ 4286086038

■ 4287072406

Harmonies

Analogous

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



4278204078



4278193558



4285923426

Triad

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



4278193558



4284352256



4278206005

Complementary

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



4278193558



4288055552

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.



4278205696



4278193558



4281216512

Square

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



4278193558



4286513152



4278204416



4278206836

Rectangle

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



4278193558



4287103033



4278204416



4278205983

Sweetspot

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



4278193558



4287139266



4278228615



4282270049



4292927712



4284572001

Same Dimension

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



4278193558



4278194626



4282122390



4282598218



4278193290



4278190346

Inverse Universe

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



4288020493



4290904081



4284126720



4283056963



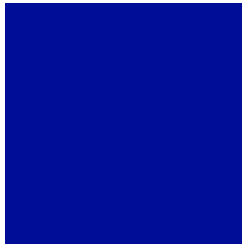
4287234060



4278845441

Previews

White Background



This preview shows how the Android color 4278193558 looks on a white background.

Color Contrast Check

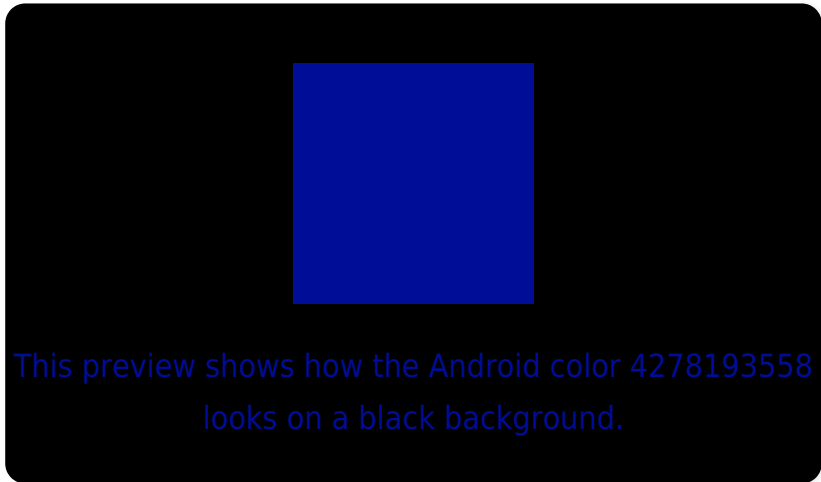
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278193558 Background



This preview shows how black text looks on a background with the Android color 4278193558.



This preview shows how white text looks on a background with the Android color 4278193558.

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

4278193558

Protanopia

4278201694

Deuteranopia

4278202447

Trichromacy



Original Color
4278193558

Protanomaly
4278198642

Deuteranomaly
4278199145

Tritanomaly
4278199641

Monochromacy



Original Color
4278193558

Achromatopsia
4279834905

Achromatomaly
4279244102

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193558 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, 13, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 13, 150)  
}
```

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, 13, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 13, 150) }
```

Border

The CSS property to change the border of an element to Android 4278193558 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, 13, 150) }
```

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

```
.border{ border-color:rgb(0, 13, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 13, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 13, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 13, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 13, 150)  
}
```

Background

The CSS property to change the background color of an element to Android 4278193558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 13, 150) }
```

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

```
.background{ background-color: rgb(0, 13,  
150) }
```

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