

Converting Colors

Android(4278723387)

Have a look what the booklet for
Android(4278723387) contains.

Android(4278723387)	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(4278723387)

Conversions

Conversions Part 1

Format	Color
Hex	08233B
RGB	8, 35, 59
RGB Percent	3%, 14%, 23%
CMY	0.9686, 0.8627, 0.7686
CMYK	0.86, 0.41, 0.00, 0.77
HSL	208°, 76%, 13%
HSV	208°, 86%, 23%
XYZ	1.4906, 1.5695, 4.3620
YIQ	29.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

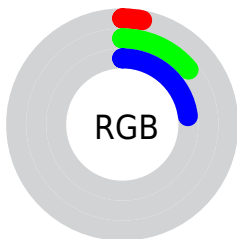
Format	Color
R_YB	8, 26, 59
Decimal	533307
CIE _{Lab}	13.04, -0.03, -18.36
CIE _{LCh}	13, 18.360, 269.901
Yxy	1.5695, 0.2008, 0.2115
Android (android.graphics.Color)	4278723387 (0xFF08233B)
YUV	29.6630, 14.4631, -18.9985
Hunter-Lab	12.5278, -0.6852, -11.8747

Details

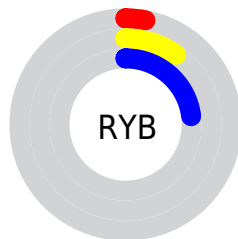
The Android color **4278723387** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282064904**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4282011498**, and **4278190351** is the 20% darker color. If you saturate the color by 10%, you get **4278329403**, and if you desaturate by 10%, it is **4279117371**.

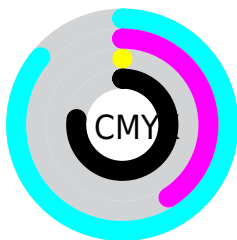
Distribution



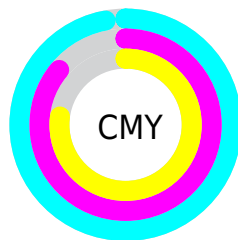
- Red (3%)
- Green (14%)
- Blue (23%)



- Red (3%)
- Yellow (10%)
- Blue (23%)



- Cyan (86%)
- Magenta (41%)
- Yellow (0%)
- Black (77%)



- Cyan (97%)
- Magenta (86%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278723387 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 4278723387 by changing the saturation by 10% instead.

■ 4278723387

■ 4278723387

■ 4294246399

■ 4278193445

■ 4282011498

■ 4278190351

■ 4283656068

■ 4278190080

■ 4285300894

■ 4287011513

■ 4288722389

■ 4290564337

■ 4292406783

■ 4278723387

■ 4278723387

■ 4278329403

■ 4279117371

■ 4278198075

■ 4279511355

■ 4279905083

■ 4280299067

■ 4280627515

■ 4281021499

■ 4281415227

■ 4281809211

■ 4282203195

Harmonies

Analogous

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



4278199863



4278723387



4280426040

Triad

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



4278723387



4281931798



4278920980

Complementary

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



4278723387



4282064904

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.



4280100104



4278723387



4281539593

Square

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



4278723387



4281866018



4280951042



4278200353

Rectangle

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



4278723387



4281146162



4280951042



4279379472

Sweetspot

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



4278723387



4281942861



4278729504



4279902502



4289111718



4280690214

Same Dimension

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



4278723387



4278200397



4278716987



4280032543



4278202974



4278220254

Inverse Universe

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



4282058787



4283236392



4282071304



4280228893



4284350514



4292739189

Previews

White Background



This preview shows how the Android color 4278723387 looks on a white background.

Color Contrast Check

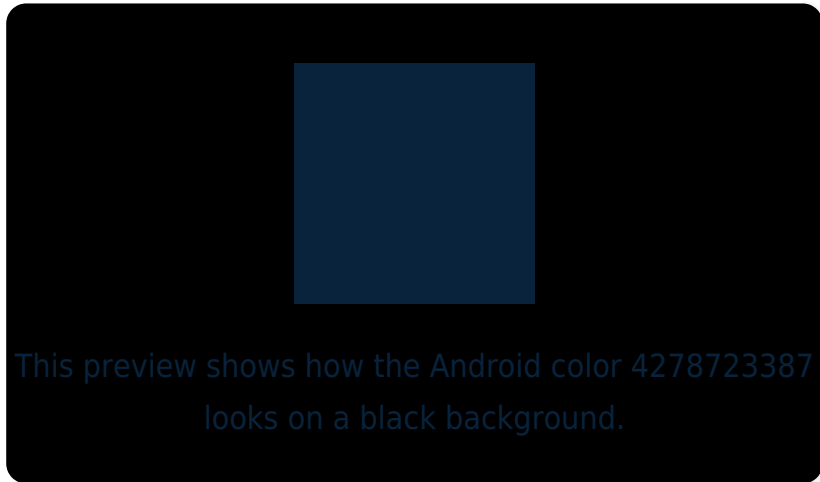
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278723387 Background



This preview shows how black text looks on a background with the Android color 4278723387.



This preview shows how white text looks on a background with the Android color 4278723387.

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
4278723387

Protanopia
4279771449

Deuteranopia
4279116347

Trichromacy



Original Color

4278723387

Protanomaly

4279378490

Deuteranomaly

4278985275

Tritanomaly

4278396208

Monochromacy



Original Color

4278723387

Achromatopsia

4280163870

Achromatomaly

4279640105

CSS Examples

Text

The CSS property to change the color of the text to Android 4278723387 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(8, 35, 59)` looks like.

```
.text, #text, p{  
    color:rgb(8, 35, 59)  
}
```

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(8, 35, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 35, 59) }
```

Border

The CSS property to change the border of an element to Android 4278723387 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(8, 35, 59) }
```

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

```
.border{ border-color:rgb(8, 35, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 35, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 35, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 35, 59); box-shadow:4px  
4px 4px 4px rgb(8, 35, 59) }
```

Background

The CSS property to change the background color of an element to Android 4278723387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 35, 59) }
```

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

```
.background{ background-color: rgb(8, 35,  
59) }
```

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