

Converting Colors

Android(4278388062)

Have a look what the booklet for
Android(4278388062) contains.

Android(4278388062)	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(4278388062)

Conversions

Conversions Part 1

Format	Color
Hex	03055E
RGB	3, 5, 94
RGB Percent	1%, 2%, 37%
CMY	0.9882, 0.9804, 0.6314
CMYK	0.97, 0.95, 0.00, 0.63
HSL	239°, 94%, 19%
HSV	239°, 97%, 37%
XYZ	2.1122, 0.9361, 10.6590
YIQ	14.5480, -29.7610, 27.2550

Conversions

Conversions Part 2

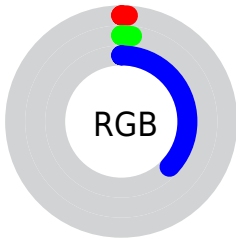
Format	Color
RYB	3, 5, 94
Decimal	197982
CIELab	8.45, 35.20, -50.03
CIElCh	8, 61.168, 305.130
Yxy	0.9361, 0.1541, 0.0683
Android (android.graphics.Color)	4278388062 (0xFF03055E)
YUV	14.5480, 39.1698, -10.1276
Hunter-Lab	9.6750, 22.0382, -58.5479

Details

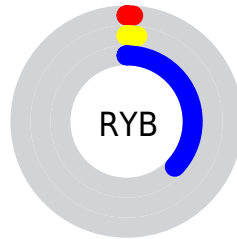
The Android color **4278388062** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4284374019**, and the grayscale version is **4279111182**.

A 20% lighter version of the original color is **4282855826**, and **4278191150** is the 20% darker color. If you saturate the color by 10%, you get **4278190686**, and if you desaturate by 10%, it is **4278980190**.

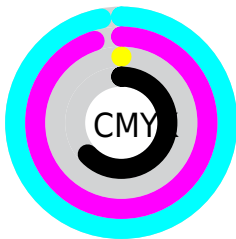
Distribution



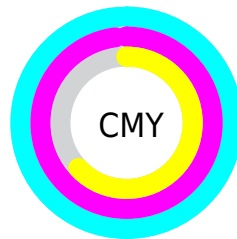
- Red (1%)
- Green (2%)
- Blue (37%)



- Red (1%)
- Yellow (2%)
- Blue (37%)



- Cyan (97%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (99%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278388062 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 4278388062 by changing the saturation by 10% instead.

■ 4278388062

■ 4278388062

■ 4294961151

■ 4278190150

■ 4282855826

■ 4278191150

■ 4284631469

■ 4278190361

■ 4286472648

■ 4278190080

■ 4288314085

■ 4290155775

■ 4291997695

■ 4293970943

■ 4278388062

■ 4278388062

■ 4278190686

■ 4278980190

■ 4279637854

■ 4280230238

■ 4280887902

■ 4281480030

■ 4282072158

■ 4282729822

■ 4283322206

■ 4283979870

Harmonies

Analogous

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



4278198126



4278388062



4282974268

Triad

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



4278388062



4281926400



4278199583

Complementary

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



4278388062



4284374019

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.



4278199296



4278388062



4279900672

Square

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



4278388062



4283367424



4278199296



4278200136

Rectangle

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



4278388062



4283760673



4278199296



4278199312

Sweetspot

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



4278388062



4283914362



4278410843



4280821821



4290624957



4282203453

Same Dimension

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



4278388062



4278190970



4281140062



4280887598



4278190702



4278191597

Inverse Universe

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



4284351237



4286185475



4281622019



4281215273



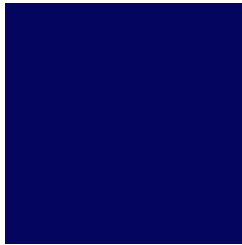
4285399042



4293722117

Previews

White Background



This preview shows how the Android color 4278388062 looks on a white background.

Color Contrast Check

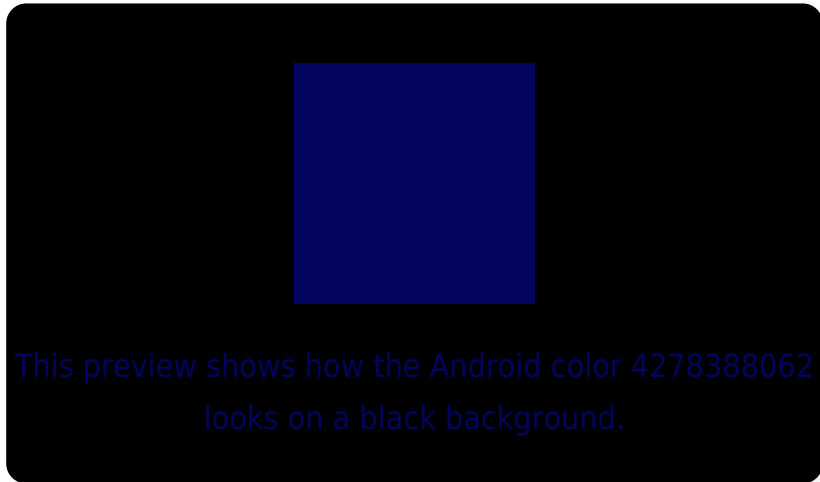
Large Text (above 18pt) WCAG AA ✓ Pass

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

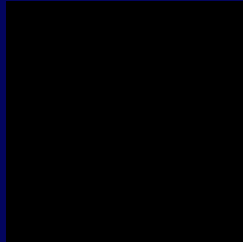
Any Text WCAG AA × Fail

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 4278388062 Background



This preview shows how black text looks on a background with the Android color 4278388062.



This preview shows how white text looks on a background with the Android color 4278388062.

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
4278388062

Protanopia
4278197306

Deuteranopia
4278197809

Trichromacy



Original Color

4278388062

Protanomaly

4278260807

Deuteranomaly

4278261057

Tritanomaly

4278261303

Monochromacy



Original Color

4278388062

Achromatopsia

4279176975

Achromatomaly

4278913836

CSS Examples

Text

The CSS property to change the color of the text to Android 4278388062 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(3, 5, 94)` looks like.

```
.text, #text, p{  
    color:rgb(3, 5, 94)  
}
```

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(3, 5, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 5, 94) }
```

Border

The CSS property to change the border of an element to Android 4278388062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

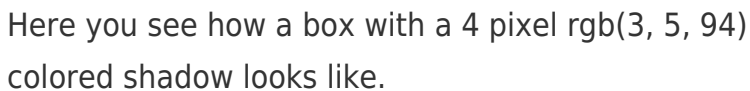
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(3, 5, 94) }
```

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

```
.border{ border-color:rgb(3, 5, 94) }
```

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



Here you see how a box with a 4 pixel `rgb(3, 5, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 5, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 5, 94); box-shadow:4px  
4px 4px 4px rgb(3, 5, 94) }
```

Background

The CSS property to change the background color of an element to Android 4278388062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 5, 94) }
```

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

```
.background{ background-color: rgb(3, 5,  
94) }
```

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