

Converting Colors

Android(4278845734)

Have a look what the booklet for
Android(4278845734) contains.

Android(4278845734)	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(4278845734)

Conversions

Conversions Part 1

Format	Color
Hex	0A0126
RGB	10, 1, 38
RGB Percent	4%, 0%, 15%
CMY	0.9608, 0.9961, 0.8510
CMYK	0.74, 0.97, 0.00, 0.85
HSL	255°, 95%, 8%
HSV	255°, 97%, 15%
XYZ	0.4859, 0.2262, 1.8518
YIQ	7.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

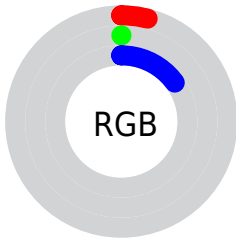
Format	Color
R_{YB}	10, 1, 38
Decimal	655654
CIE Lab	2.04, 11.10, -20.32
CIE LCh	2, 23.156, 298.635
Yxy	0.2262, 0.1895, 0.0882
Android (android.graphics.Color)	4278845734 (0xFF0A0126)
YUV	7.9090, 14.8349, 1.8338
Hunter-Lab	4.7558, 9.9138, -19.7566

Details

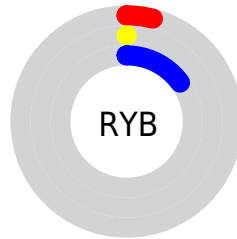
The Android color **4278845734** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280100353**, and the grayscale version is **4278716424**.

A 20% lighter version of the original color is **4281676115**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278779942**, and if you desaturate by 10%, it is **4279043366**.

Distribution



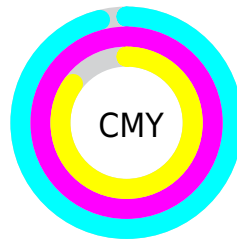
- Red (4%)
- Green (0%)
- Blue (15%)



- Red (4%)
- Yellow (0%)
- Blue (15%)



- Cyan (74%)
- Magenta (97%)
- Yellow (0%)
- Black (85%)



- Cyan (96%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278845734 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 4278845734 by changing the saturation by 10% instead.

■ 4278845734

■ 4278845734

■ 4293649407

■ 4278190351

■ 4281676115

■ 4278190080

■ 4283189099

■ 4284768133

■ 4286478239

■ 4288188858

■ 4289965270

■ 4291807218

■ 4278845734

■ 4278845734

■ 4278779942

■ 4279043366

■ 4279240998

■ 4279438374

■ 4279636006

■ 4279768102

■ 4279965734

■ 4280163366

■ 4280360742

■ 4280558374

Harmonies

Analogous

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



4278192937



4278845734



4280221724

Triad

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



4278845734



4280156160



4278193670

Complementary

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



4278845734



4280100353

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.



4278193664



4278845734



4279043840

Square

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



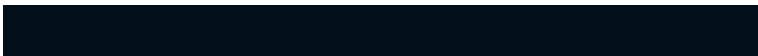
4278845734



4280680448



4278193664



4278193946

Rectangle

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



4278845734



4280614930



4278193664

Sweetspot

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



4278845734



4280689200



4278263078



4279439642



4288256409



4279900698

Same Dimension

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



4278845734



4278976560



4280025382



4279242770



4279500882



4281532625

Inverse Universe

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



4280680733



4281335845



4278920705



4279373841



4283564094



4291887262

Previews

White Background



This preview shows how the Android color 4278845734 looks on a white background.

Color Contrast Check

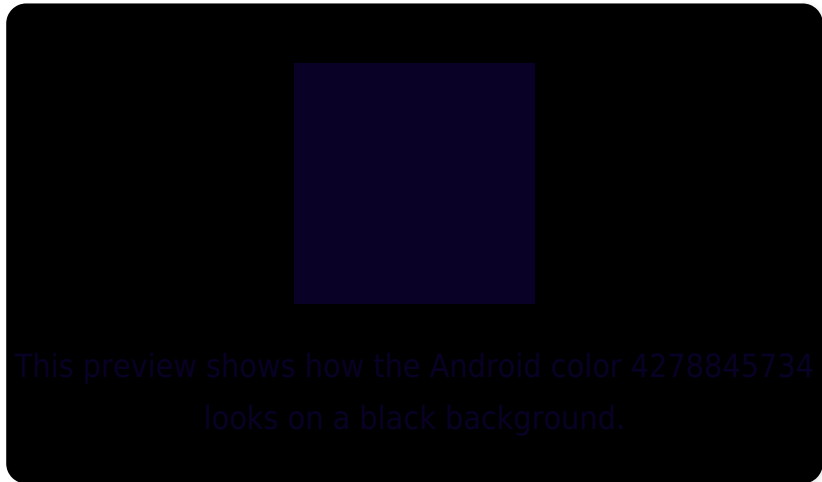
Large Text (above 18pt) WCAG AA ✓ Pass

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

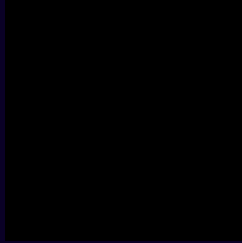
Any Text WCAG AA × Fail

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 4278845734 Background



This preview shows how black text looks on a background with the Android color 4278845734.



This preview shows how white text looks on a background with the Android color 4278845734.

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
4278845734

Protanopia
4278193177

Deuteranopia
4278193429



Tritanopia
4278193678

Trichromacy



Original Color
4278845734

Protanomaly
4278454302

Deuteranomaly
4278454555

Tritanomaly
4278454551

Monochromacy



Original Color
4278845734

Achromatopsia
4278716424

Achromatomaly
4278781203

CSS Examples

Text

The CSS property to change the color of the text to Android 4278845734 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(10, 1, 38)` looks like.

```
.text, #text, p{  
    color:rgb(10, 1, 38)  
}
```

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(10, 1, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 1, 38) }
```

Border

The CSS property to change the border of an element to Android 4278845734 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(10, 1, 38) }
```

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

```
.border{ border-color:rgb(10, 1, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 1, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 1, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(10, 1, 38); box-shadow:4px  
4px 4px 4px rgb(10, 1, 38) }
```

Background

The CSS property to change the background color of an element to Android 4278845734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 1, 38) }
```

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

```
.background{ background-color: rgb(10, 1,  
38) }
```

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