

Converting Colors

Android(4278978654)

Have a look what the booklet for
Android(4278978654) contains.

Android(4278978654)	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(4278978654)

Conversions

Conversions Part 1

Format	Color
Hex	0C085E
RGB	12, 8, 94
RGB Percent	5%, 3%, 37%
CMY	0.9529, 0.9686, 0.6314
CMYK	0.87, 0.91, 0.00, 0.63
HSL	243°, 84%, 20%
HSV	243°, 91%, 37%
XYZ	2.2588, 1.0600, 10.6752
YIQ	19.0000, -25.2220, 27.5940

Conversions

Conversions Part 2

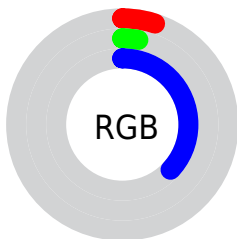
Format	Color
RYB	12, 8, 94
Decimal	788574
CIELab	9.48, 33.92, -48.29
CIELCh	9, 59.011, 305.086
Yxy	1.0600, 0.1614, 0.0757
Android (android.graphics.Color)	4278978654 (0xFF0C085E)
YUV	19.0000, 36.9750, -6.1390
Hunter-Lab	10.2955, 21.1456, -54.2696

Details

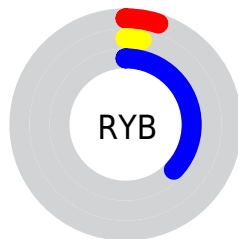
The Android color **4278978654** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4284112392**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4283053202**, and **4278191150** is the 20% darker color. If you saturate the color by 10%, you get **4278452318**, and if you desaturate by 10%, it is **4279570782**.

Distribution



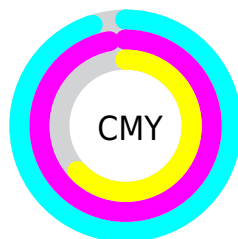
- Red (5%)
- Green (3%)
- Blue (37%)



- Red (5%)
- Yellow (3%)
- Blue (37%)



- Cyan (87%)
- Magenta (91%)
- Yellow (0%)
- Black (63%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278978654 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 4278978654 by changing the saturation by 10% instead.

 4278978654

 4278978654

 4294962175

 4278190150

 4283053202

 4278191150

 4284828845

 4278190361

 4286670024

 4278190080

 4288446181

 4290287871

 4292195327

 4294102783

 4278978654

 4278978654

■ 4278452318

■ 4279570782

■ 4280163166

■ 4280755294

■ 4281347678

■ 4281939806

■ 4282531934

■ 4283124318

■ 4283716446

■ 4284308830

Harmonies

Analogous

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



4278198381



4278978654



4283039805

Triad

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



4278978654



4282058240



4278200097

Complementary

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



4278978654



4284112392

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.



4278200064



4278978654



4280032256

Square

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



4278978654



4283432960



4278199552



4278200649

Rectangle

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



4278978654



4283826211



4278199552



4278200082

Sweetspot

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



4278978654



4284176762



4278737758



4281018941



4290624957



4282203453

Same Dimension

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



4278978654



4278583418



4281731166



4280953134



4278517870



4278911213

Inverse Universe

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



4284352602



4286185589



4281359880



4281215278



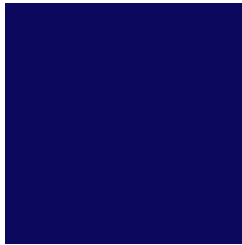
4285399145



4293722338

Previews

White Background



This preview shows how the Android color 4278978654 looks on a white background.

Color Contrast Check

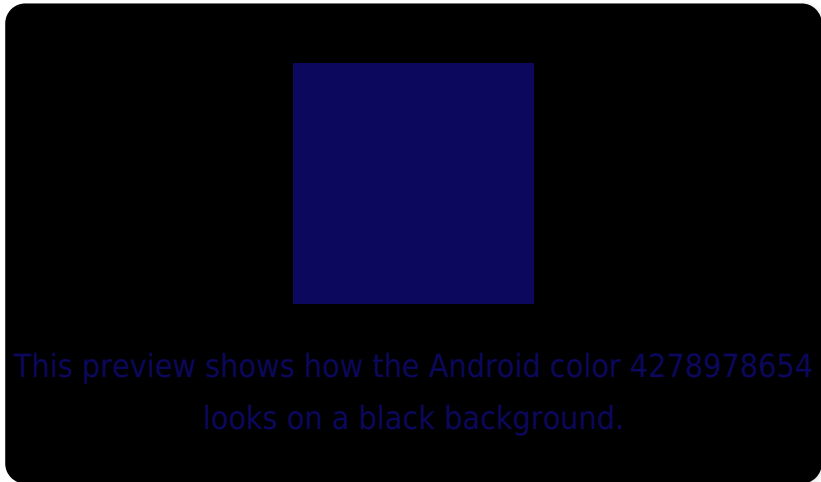
Large Text (above 18pt) WCAG AA ✓ Pass

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

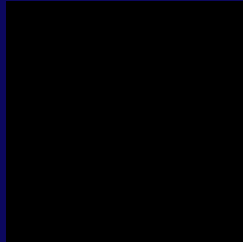
Any Text WCAG AA × Fail

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 4278978654 Background



This preview shows how black text looks on a background with the Android color 4278978654.



This preview shows how white text looks on a background with the Android color 4278978654.

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
4278978654

Protanopia
4278197308

Deuteranopia
4278197810

Trichromacy



Original Color

4278978654

Protanomaly

4278457672

Deuteranomaly

4278457922

Tritanomaly

4278458424

Monochromacy



Original Color

4278978654

Achromatopsia

4279440147

Achromatomaly

4279242542

CSS Examples

Text

The CSS property to change the color of the text to Android 4278978654 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(12, 8, 94)` looks like.

```
.text, #text, p{  
    color:rgb(12, 8, 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(12, 8, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 8, 94) }
```

Border

The CSS property to change the border of an element to Android 4278978654 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(12, 8, 94) }
```

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

```
.border{ border-color:rgb(12, 8, 94) }
```

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

Here you see how a box with a 4 pixel rgb(12, 8, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 8, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 8, 94); box-shadow:4px  
4px 4px 4px rgb(12, 8, 94) }
```

Background

The CSS property to change the background color of an element to Android 4278978654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 8, 94) }
```

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

```
.background{ background-color: rgb(12, 8,  
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