

Converting Colors

Android(4278722611)

Have a look what the booklet for
Android(4278722611) contains.

Android(4278722611)	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(4278722611)

Conversions

Conversions Part 1

Format	Color
Hex	082033
RGB	8, 32, 51
RGB Percent	3%, 13%, 20%
CMY	0.9686, 0.8745, 0.8000
CMYK	0.84, 0.37, 0.00, 0.80
HSL	207°, 73%, 12%
HSV	207°, 84%, 20%
XYZ	1.2142, 1.3237, 3.3235
YIQ	26.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

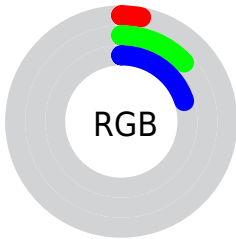
Format	Color
R _Y B	8, 23, 51
Decimal	532531
CIE Lab	11.44, -1.39, -15.19
CIE LCh	11, 15.257, 264.764
Yxy	1.3237, 0.2072, 0.2258
Android (android.graphics.Color)	4278722611 (0xFF082033)
YUV	26.9900, 11.8369, -16.6542
Hunter-Lab	11.5051, -1.2958, -9.0736

Details

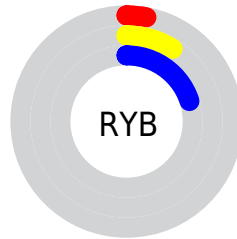
The Android color **4278722611** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281539336**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281879650**, and **4278190081** is the 20% darker color. If you saturate the color by 10%, you get **4278394419**, and if you desaturate by 10%, it is **4279050803**.

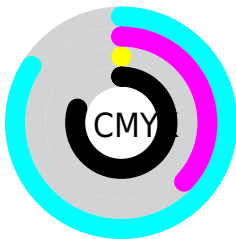
Distribution



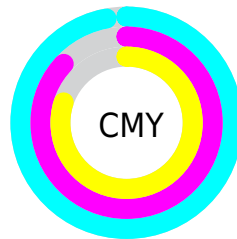
- Red (3%)
- Green (13%)
- Blue (20%)



- Red (3%)
- Yellow (9%)
- Blue (20%)



- Cyan (84%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (97%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278722611 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 4278722611 by changing the saturation by 10% instead.



4278722611



4278722611



4293984255



4278192158



4281879650



4278190081



4283458682



4278190080



4285103252



4286748335



4288524746



4290301158



4292143359



4278722611



4278722611

■ 4278394419

■ 4279050803

■ 4278197299

■ 4279379251

■ 4279707443

■ 4280035635

■ 4280429363

■ 4280757811

■ 4281086003

■ 4281414195

■ 4281742387

Harmonies

Analogous

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



4278198831



4278722611



4280032305

Triad

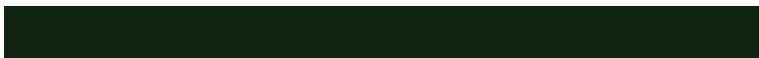
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278722611



4281472534



4279247634

Complementary

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



4278722611



4281539336

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.



4280098823



4278722611



4281211148

Square

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



4278722611



4281407009



4280753413



4278199324

Rectangle

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



4278722611



4280687149



4280753413



4279509518

Sweetspot

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



4278722611



4281482050



4278727451



4279704865



4288782753



4280361249

Same Dimension

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



4278722611



4278199618



4278717235



4279703578



4278202969



4278221273

Inverse Universe

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



4281534496



4282515493



4281544712



4279899928



4284022834



4292411513

Previews

White Background



This preview shows how the Android color 4278722611 looks on a white background.

Color Contrast Check

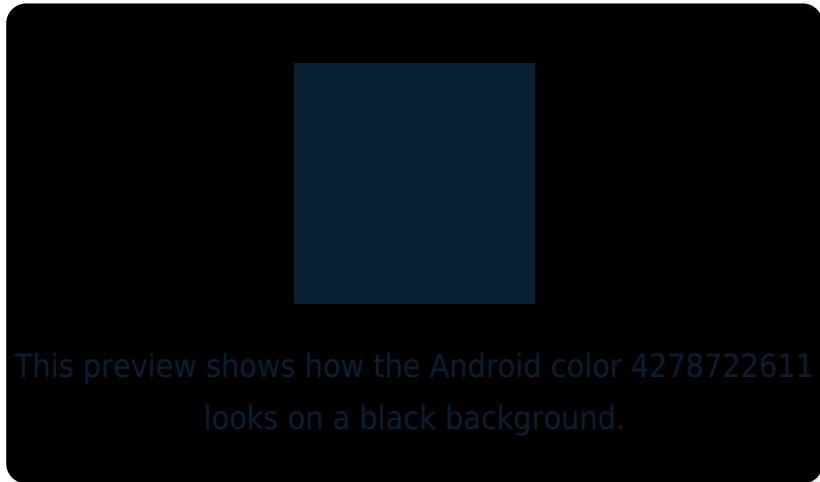
Large Text (above 18pt) WCAG AA ✓ Pass

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

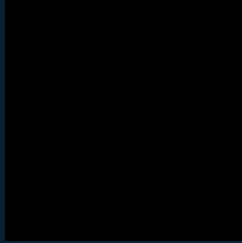
Any Text WCAG AA × Fail

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 4278722611 Background



This preview shows how black text looks on a background with the Android color 4278722611.



This preview shows how white text looks on a background with the Android color 4278722611.

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
4278722611

Protanopia
4279705137

Deuteranopia
4279312179



Tritanopia
4278198821

Trichromacy



Original Color

4278722611

Protanomaly

4279377714

Deuteranomaly

4279115571

Tritanomaly

4278395178

Monochromacy



Original Color

4278722611

Achromatopsia

4279966491

Achromatomaly

4279508260

CSS Examples

Text

The CSS property to change the color of the text to Android 4278722611 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, 32, 51)` looks like.

```
.text, #text, p{  
    color:rgb(8, 32, 51)  
}
```

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, 32, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 32, 51) }
```

Border

The CSS property to change the border of an element to Android 4278722611 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, 32, 51) }
```

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

```
.border{ border-color:rgb(8, 32, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 32, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 32, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 32, 51); box-shadow:4px  
4px 4px 4px rgb(8, 32, 51) }
```

Background

The CSS property to change the background color of an element to Android 4278722611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 32, 51) }
```

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

```
.background{ background-color: rgb(8, 32,  
51) }
```

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