

Converting Colors

Android(4278333013)

Have a look what the booklet for
Android(4278333013) contains.

Android(4278333013)	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(4278333013)

Conversions

Conversions Part 1

Format	Color
Hex	022E55
RGB	2, 46, 85
RGB Percent	1%, 18%, 33%
CMY	0.9922, 0.8196, 0.6667
CMYK	0.98, 0.46, 0.00, 0.67
HSL	208°, 95%, 17%
HSV	208°, 98%, 33%
XYZ	2.6417, 2.6228, 8.9613
YIQ	37.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

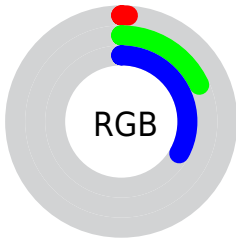
Format	Color
R_YB	2, 31, 85
Decimal	142933
CIE Lab	18.46, 2.90, -27.57
CIE LCh	18, 27.726, 276.004
Yxy	2.6228, 0.1857, 0.1844
Android (android.graphics.Color)	4278333013 (0xFF022E55)
YUV	37.2900, 23.5210, -30.9493
Hunter-Lab	16.1950, 0.7757, -21.4711

Details

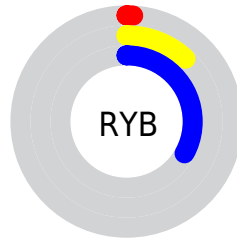
The Android color **4278333013** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283771138**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4282342279**, and **4278190888** is the 20% darker color. If you saturate the color by 10%, you get **4278201685**, and if you desaturate by 10%, it is **4278923861**.

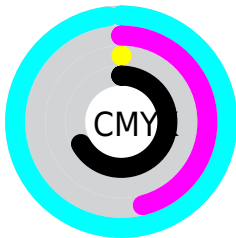
Distribution



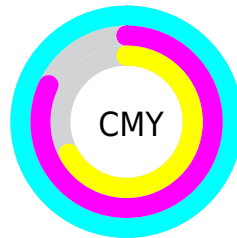
- Red (1%)
- Green (18%)
- Blue (33%)



- Red (1%)
- Yellow (12%)
- Blue (33%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (67%)



- Cyan (99%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278333013 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 4278333013 by changing the saturation by 10% instead.



4278333013



4278333013

4294967295



4278196798



4282342279



4278190888



4284052641



4278190353



4285763005



4278190080



4287539416



4289381365



4291223551



4293065727



4278333013



4278333013

■ 4278201685

■ 4278923861

■ 4279449173

■ 4280040021

■ 4280565333

■ 4281156181

■ 4281681493

■ 4282272341

■ 4282797653

■ 4283322965

Harmonies

Analogous

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



4278203217



4278333013



4281542222

Triad

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



4278333013



4283375127



4278203676

Complementary

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



4278333013



4283771138

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.



4280234505



4278333013



4282656260

Square

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



4278333013



4283504938



4281609472



4278203953

Rectangle

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



4278333013



4282589252



4281609472



4278793493

Sweetspot

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



4278333013



4283326318



4278342953



4280561464



4290295992



4281874488

Same Dimension

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



4278333013



4278205038



4278322517



4280756523



4278204779



4278222059

Inverse Universe

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



4283761198



4285399098



4283781634



4281018153



4285202489



4293591164

Previews

White Background



This preview shows how the Android color 4278333013 looks on a white background.

Color Contrast Check

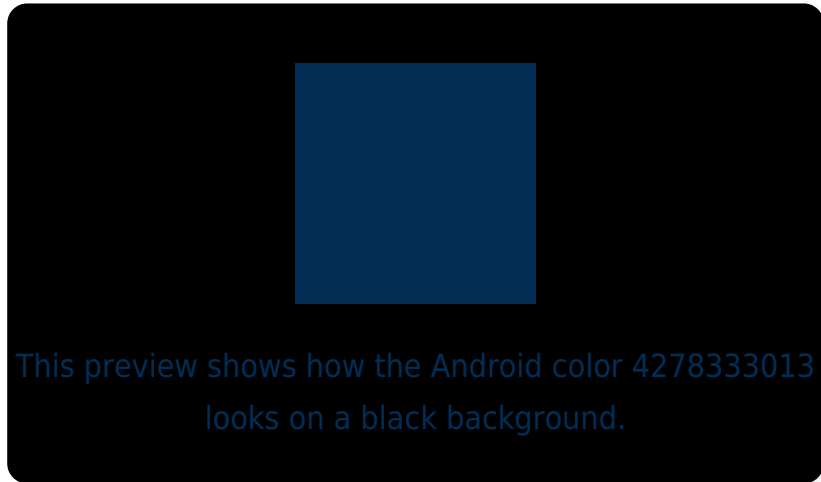
Large Text (above 18pt) WCAG AA ✓ Pass

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

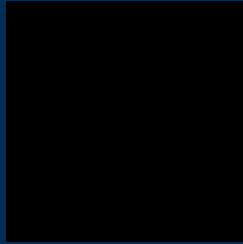
Any Text WCAG AA × Fail

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 4278333013 Background



This preview shows how black text looks on a background with the Android color 4278333013.



This preview shows how white text looks on a background with the Android color 4278333013.

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

4278333013

Protanopia

4279905363

Deuteranopia

4278202194

Trichromacy



Original Color
4278333013

Protanomaly
4279315796

Deuteranomaly
4278267731

Tritanomaly
4278268225

Monochromacy



Original Color
4278333013

Achromatopsia
4280624421

Achromatomaly
4279773238

CSS Examples

Text

The CSS property to change the color of the text to Android 4278333013 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(2, 46, 85)` looks like.

```
.text, #text, p{  
    color:rgb(2, 46, 85)  
}
```

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(2, 46, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 46, 85) }
```

Border

The CSS property to change the border of an element to Android 4278333013 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(2, 46, 85) }
```

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

```
.border{ border-color:rgb(2, 46, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 46, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 46, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 46, 85); box-shadow:4px  
4px 4px 4px rgb(2, 46, 85) }
```

Background

The CSS property to change the background color of an element to Android 4278333013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 46, 85) }
```

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

```
.background{ background-color: rgb(2, 46,  
85) }
```

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