

Converting Colors

Android(4280893033)

Have a look what the booklet for
Android(4280893033) contains.

Android(4280893033)	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(4280893033)

Conversions

Conversions Part 1

Format	Color
Hex	293E69
RGB	41, 62, 105
RGB Percent	16%, 24%, 41%
CMY	0.8392, 0.7569, 0.5882
CMYK	0.61, 0.41, 0.00, 0.59
HSL	220°, 44%, 29%
HSV	220°, 61%, 41%
XYZ	5.1869, 4.9366, 14.0441
YIQ	60.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

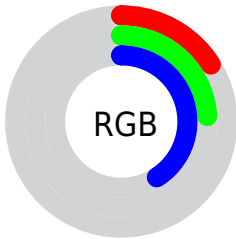
Format	Color
R_{YB}	41, 57, 105
Decimal	2702953
CIE Lab	26.55, 6.23, -27.68
CIE LCh	27, 28.376, 282.689
Yxy	4.9366, 0.2146, 0.2043
Android (android.graphics.Color)	4280893033 (0xFF293E69)
YUV	60.6230, 21.8779, -17.2094
Hunter-Lab	22.2184, 2.7885, -21.9238

Details

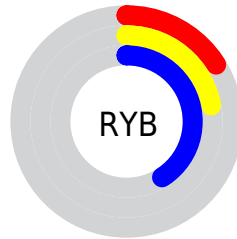
The Android color **4280893033** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285092905**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4284247453**, and **4278195257** is the 20% darker color. If you saturate the color by 10%, you get **4280170345**, and if you desaturate by 10%, it is **4281550185**.

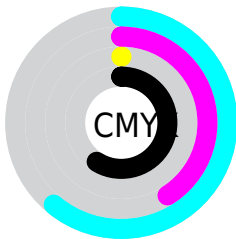
Distribution



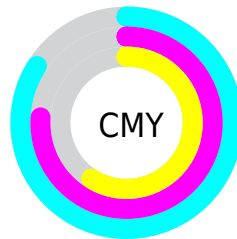
- Red (16%)
- Green (24%)
- Blue (41%)



- Red (16%)
- Yellow (22%)
- Blue (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280893033 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 4280893033 by changing the saturation by 10% instead.

■ 4280893033

■ 4280893033

4294967295

■ 4278986833

■ 4284247453

■ 4278195257

■ 4285957816

■ 4278190628

■ 4287734227

■ 4278190091

■ 4289510384

■ 4278190080

■ 4291352575

■ 4293195007

■ 4280893033

■ 4280893033

■ 4280170345

■ 4281550185

■ 4279513193

■ 4282272873

■ 4278790505

■ 4282995561

■ 4278198889

■ 4283652713

■ 4284375401

■ 4285032553

■ 4285689705

■ 4286412393

■ 4287069545

Harmonies

Analogous

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



4278207848



4280893033



4283184479

Triad

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



4280893033



4284625186



4278208817

Complementary

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



4280893033



4285092905

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.



4280960542



4280893033



4283775252

Square

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



4280893033



4284951606



4282532114



4278209096

Rectangle

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



4280893033



4284166227



4282532114



4279519274

Sweetspot

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



4280893033



4285626762



4280904020



4281744197



4291085508



4282729797

Same Dimension

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



4280893033



4280632970



4281608553



4281348662



4278199925



4278210805

Inverse Universe

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



4285081918



4287243590



4284377385



4281741362



4285857830



4294246480

Previews

White Background



This preview shows how the Android color 4280893033 looks on a white background.

Color Contrast Check

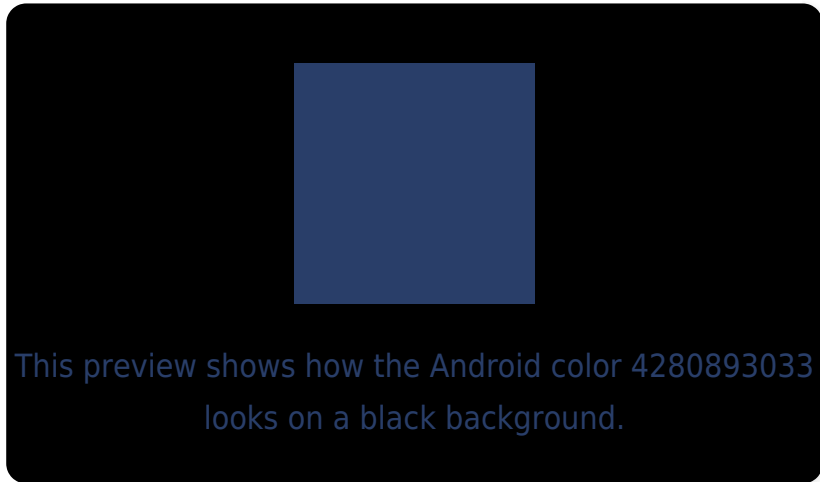
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280893033 Background



This preview shows how black text looks on a background with the Android color 4280893033.



This preview shows how white text looks on a background with the Android color 4280893033.

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
4280893033

Protanopia
4281154920

Deuteranopia
4280434537

Trichromacy



Original Color

4280893033

Protanomaly

4281089384

Deuteranomaly

4280631145

Tritanomaly

4280238677

Monochromacy



Original Color

4280893033

Achromatopsia

4282203453

Achromatomaly

4281744717

CSS Examples

Text

The CSS property to change the color of the text to Android 4280893033 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(41, 62, 105)` looks like.

```
.text, #text, p{  
    color:rgb(41, 62, 105)  
}
```

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(41, 62, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 62, 105) }
```

Border

The CSS property to change the border of an element to Android 4280893033 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(41, 62, 105) }
```

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

```
.border{ border-color:rgb(41, 62, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 62, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 62, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 62, 105);  
box-shadow:4px 4px 4px 4px rgb(41, 62,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4280893033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 62, 105) }
```

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

```
.background{ background-color: rgb(41, 62,  
105) }
```

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