

Converting Colors

Android(4280878637)

Have a look what the booklet for
Android(4280878637) contains.

Android(4280878637)	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(4280878637)

Conversions

Conversions Part 1

Format	Color
Hex	29062D
RGB	41, 6, 45
RGB Percent	16%, 2%, 18%
CMY	0.8392, 0.9765, 0.8235
CMYK	0.09, 0.87, 0.00, 0.82
HSL	294°, 76%, 10%
HSV	294°, 87%, 18%
XYZ	1.4532, 0.7911, 2.5587
YIQ	20.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

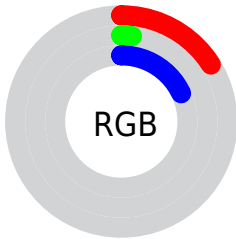
Format	Color
R_{YB}	41, 6, 45
Decimal	2688557
CIE Lab	7.15, 24.33, -17.38
CIE LCh	7, 29.900, 324.463
Yxy	0.7911, 0.3026, 0.1647
Android (android.graphics.Color)	4280878637 (0xFF29062D)
YUV	20.9110, 11.8759, 17.6181
Hunter-Lab	8.8945, 13.5987, -10.8300

Details

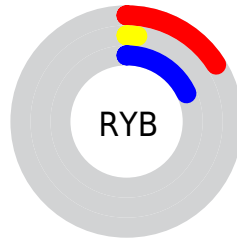
The Android color **4280878637** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278856966**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4283970139**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280877357**, and if you desaturate by 10%, it is **4280879661**.

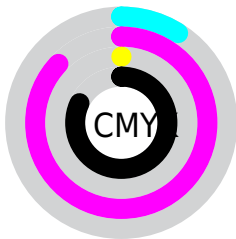
Distribution



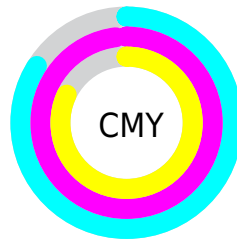
- Red (16%)
- Green (2%)
- Blue (18%)



- Red (16%)
- Yellow (2%)
- Blue (18%)



- Cyan (9%)
- Magenta (87%)
- Yellow (0%)
- Black (82%)



- Cyan (84%)
- Magenta (98%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280878637 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 4280878637 by changing the saturation by 10% instead.



4280878637



4280878637



4294961407



4279238680



4283970139



4278190080



4285614708



4287324813



4289100712



4290876867



4292718815



4294626556



4280878637



4280878637

■ 4280877357

■ 4280879661

■ 4280811565

■ 4280946477

■ 4280947501

■ 4281014317

■ 4281015597

■ 4281082157

■ 4281083437

■ 4281149997

■ 4281151277

Harmonies

Analogous

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



4278653498



4280878637



4281663514

Triad

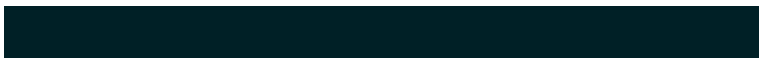
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280878637



4280292352



4278198310

Complementary

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



4280878637



4278856966

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.



4278198544



4280878637



4278721024

Square

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



4280878637



4281207296



4278197760



4278197814

Rectangle

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



4280878637



4281794569



4278197760



4278198559

Sweetspot

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



4280878637



4281936699



4278586157



4280161567



4288585374



4280229663

Same Dimension

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



4280878637



4281663547



4281140766



4279702807



4283301975



4290773206

Inverse Universe

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



4281140746



4282056710



4278594837



4279702805



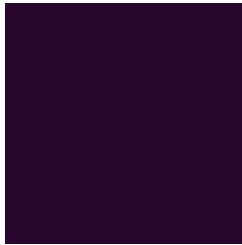
4283891721



4292214806

Previews

White Background



This preview shows how the Android color 4280878637 looks on a white background.

Color Contrast Check

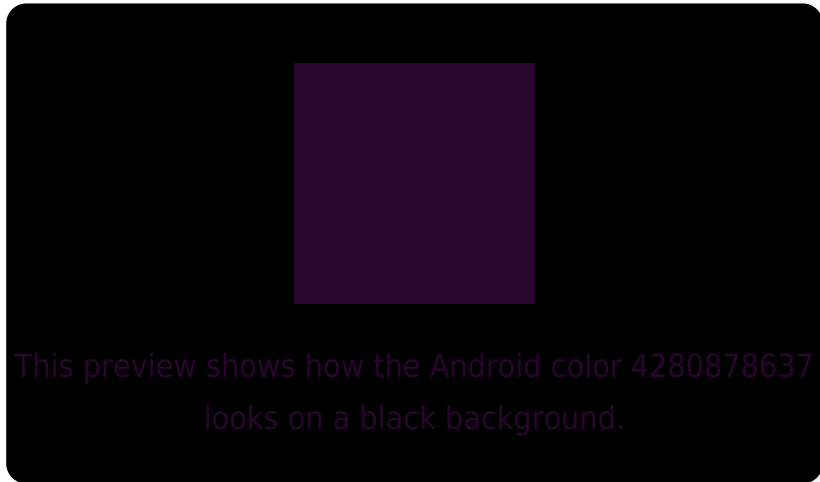
Large Text (above 18pt) WCAG AA ✓ Pass

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

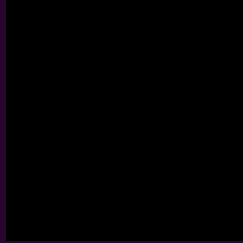
Any Text WCAG AA × Fail

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 4280878637 Background



This preview shows how black text looks on a background with the Android color 4280878637.



This preview shows how white text looks on a background with the Android color 4280878637.

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

4280878637

Protanopia

4278196274

Deuteranopia

4278851882

Trichromacy



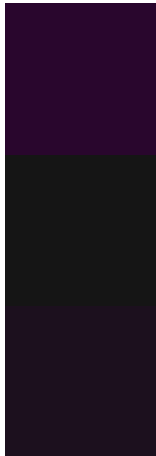
Original Color
4280878637

Protanomaly
4279177520

Deuteranomaly
4279570987

Tritanomaly
4280749597

Monochromacy



Original Color
4280878637

Achromatopsia
4279571733

Achromatomaly
4280029214

CSS Examples

Text

The CSS property to change the color of the text to Android 4280878637 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, 6, 45)` looks like.

```
.text, #text, p{  
    color:rgb(41, 6, 45)  
}
```

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, 6, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 6, 45) }
```

Border

The CSS property to change the border of an element to Android 4280878637 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, 6, 45) }
```

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

```
.border{ border-color:rgb(41, 6, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 6, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 6, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 6, 45); box-shadow:4px  
4px 4px 4px rgb(41, 6, 45) }
```

Background

The CSS property to change the background color of an element to Android 4280878637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 6, 45) }
```

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

```
.background{ background-color: rgb(41, 6,  
45) }
```

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