

Converting Colors

Android(4280827686)

Have a look what the booklet for
Android(4280827686) contains.

Android(4280827686)	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(4280827686)

Conversions

Conversions Part 1

Format	Color
Hex	283F26
RGB	40, 63, 38
RGB Percent	16%, 25%, 15%
CMY	0.8431, 0.7529, 0.8510
CMYK	0.37, 0.00, 0.40, 0.75
HSL	115°, 25%, 20%
HSV	115°, 40%, 25%
XYZ	3.0024, 4.1461, 2.4757
YIQ	53.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

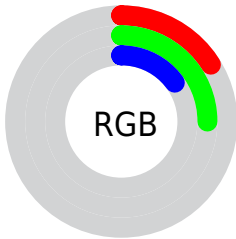
Format	Color
RYB	38, 63, 61
Decimal	2637606
CIELab	24.15, -15.00, 12.56
CIElCh	24, 19.563, 140.050
Yxy	4.1461, 0.3120, 0.4308
Android (android.graphics.Color)	4280827686 (0xFF283F26)
YUV	53.2730, -7.5296, -11.6404
Hunter-Lab	20.3619, -9.3129, 7.0444

Details

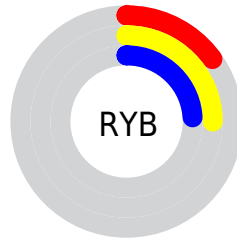
The Android color **4280827686** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282197567**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4283854675**, and **4278195712** is the 20% darker color. If you saturate the color by 10%, you get **4280434464**, and if you desaturate by 10%, it is **4281220908**.

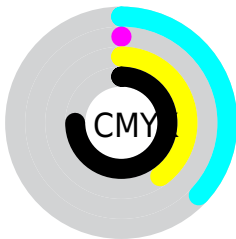
Distribution



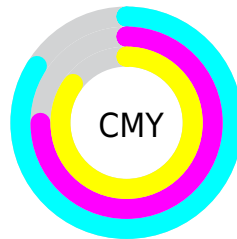
- Red (16%)
- Green (25%)
- Blue (15%)



- Red (15%)
- Yellow (25%)
- Blue (24%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280827686 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 4280827686 by changing the saturation by 10% instead.



4280827686



4280827686

4294967295



4279445777



4283854675



4278195712



4285499499



4278190080



4287144837



4288921247



4290697658



4292540118



4294377458



4280827686



4280827686

■ 4280434464

■ 4281220908

■ 4280041241

■ 4281614131

■ 4279713555

■ 4281941817

■ 4279320333

■ 4282335039

■ 4278927110

■ 4282728262

■ 4278533888

■ 4283121484

■ 4283514706

■ 4283842392

■ 4284235615

Harmonies

Analogous

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



4281941021



4280827686



4279451956

Triad

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



4280827686



4279843926



4283838000

Complementary

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



4280827686



4282197567

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.



4283641407



4280827686



4281612117

Square

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



4280827686



4278206544



4282856012



4283511331

Rectangle

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



4280827686



4278206782



4282856012



4283838005

Sweetspot

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



4280827686



4282995272



4282334502



4280559907



4289243304



4280887593

Same Dimension

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



4280827686



4281225770



4280696624



4280033052



4278738432



4279426560

Inverse Universe

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



4282197567



4283312722



4282328629



4280163359



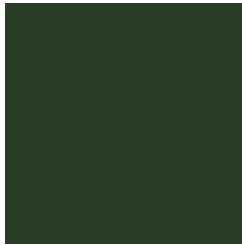
4283891806



4291559646

Previews

White Background



This preview shows how the Android color 4280827686 looks on a white background.

Color Contrast Check

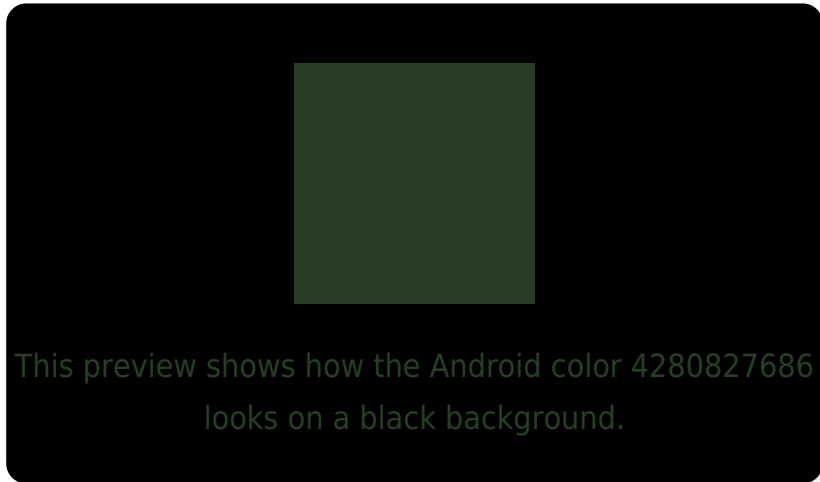
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280827686 Background



This preview shows how black text looks on a background with the Android color 4280827686.



This preview shows how white text looks on a background with the Android color 4280827686.

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

4280827686

Protanopia

4282267940

Deuteranopia

4282660648

Trichromacy



Original Color

4280827686

Protanomaly

4281744165

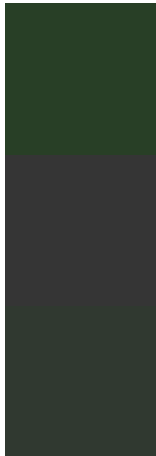
Deuteranomaly

4282006055

Tritanomaly

4281023799

Monochromacy



Original Color

4280827686

Achromatopsia

4281677109

Achromatomaly

4281350448

CSS Examples

Text

The CSS property to change the color of the text to Android 4280827686 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(40, 63, 38)` looks like.

```
.text, #text, p{  
    color:rgb(40, 63, 38)  
}
```

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(40, 63, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 63, 38) }
```

Border

The CSS property to change the border of an element to Android 4280827686 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(40, 63, 38) }
```

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

```
.border{ border-color:rgb(40, 63, 38) }
```

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

Here you see how a box with a 4 pixel rgb(40, 63, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 63, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 63, 38);  
box-shadow:4px 4px 4px 4px rgb(40, 63, 38)  
}
```

Background

The CSS property to change the background color of an element to Android 4280827686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 63, 38) }
```

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

```
.background{ background-color: rgb(40, 63,  
38) }
```

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