

Converting Colors

Android(4282386493)

Have a look what the booklet for
Android(4282386493) contains.

Android(4282386493)	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(4282386493)

Conversions

Conversions Part 1

Format	Color
Hex	40083D
RGB	64, 8, 61
RGB Percent	25%, 3%, 24%
CMY	0.7490, 0.9686, 0.7608
CMYK	0.00, 0.88, 0.05, 0.75
HSL	303°, 78%, 14%
HSV	303°, 88%, 25%
XYZ	3.0435, 1.6006, 4.5634
YIQ	30.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

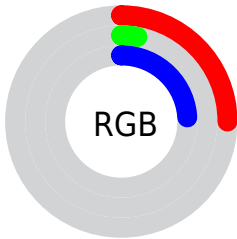
Format	Color
RYB	64, 8, 61
Decimal	4196413
CIELab	13.23, 32.77, -19.07
CIElCh	13, 37.912, 329.803
Yxy	1.6006, 0.3305, 0.1738
Android (android.graphics.Color)	4282386493 (0xFF40083D)
YUV	30.7860, 14.8955, 29.1287
Hunter-Lab	12.6514, 20.8010, -12.5302

Details

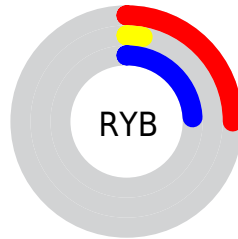
The Android color **4282386493** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278730763**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4285675885**, and **4278255633** is the 20% darker color. If you saturate the color by 10%, you get **4282384957**, and if you desaturate by 10%, it is **4282388029**.

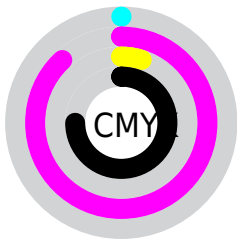
Distribution



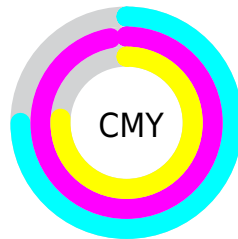
- Red (25%)
- Green (3%)
- Blue (24%)



- Red (25%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (5%)
- Black (75%)



- Cyan (75%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282386493 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 4282386493 by changing the saturation by 10% instead.

 4282386493

 4282386493

 4294964223

 4280942631

 4285675885

 4278255633

 4287386246

 4278190080

 4289162144

 4291003836

 4292845527

 4294753012

 4294956799

 4282386493

 4282386493

■ 4282384957

■ 4282388029

■ 4282384445

■ 4282389822

■ 4282391358

■ 4282393150

■ 4282394687

■ 4282396223

■ 4282398015

■ 4282399552

■ 4282401344

Harmonies

Analogous

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



4279966544



4282386493



4283236387

Triad

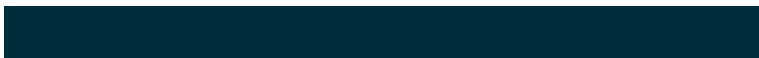
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282386493



4281082112



4278201660

Complementary

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



4282386493



4278730763

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.



4278201633



4282386493



4279314432

Square

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



4282386493



4282389760



4278201088



4278201168

Rectangle

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



4282386493



4283301906



4278201088



4278201651

Sweetspot

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



4282386493



4283711059



4278913088



4281015851



4289440683



4281019179

Same Dimension

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



4282386493



4283695184



4282386465



4280360481



4284547164



4292870356

Inverse Universe

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



4282386493



4283695184



4278730791



4280360481



4284547164



4292870356

Previews

White Background



This preview shows how the Android color 4282386493 looks on a white background.

Color Contrast Check

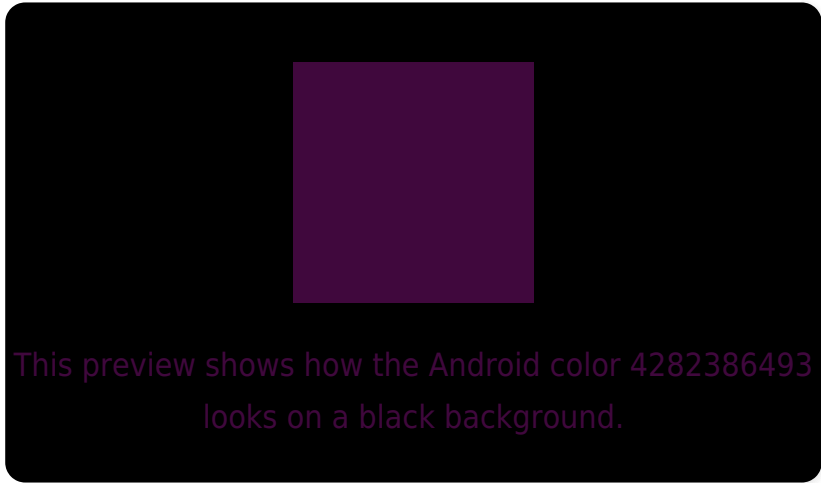
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282386493 Background



This preview shows how black text looks on a background with the Android color 4282386493.



This preview shows how white text looks on a background with the Android color 4282386493.

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

4282386493

Protanopia

4278199115

Deuteranopia

4279903545

Trichromacy



Original Color
4282386493

Protanomaly
4279703878

Deuteranomaly
4280818234

Tritanomaly
4282192679

Monochromacy



Original Color
4282386493

Achromatopsia
4280229663

Achromatomaly
4281014058

CSS Examples

Text

The CSS property to change the color of the text to Android 4282386493 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(64, 8, 61)` looks like.

```
.text, #text, p{  
    color:rgb(64, 8, 61)  
}
```

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(64, 8, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 8, 61) }
```

Border

The CSS property to change the border of an element to Android 4282386493 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(64, 8, 61) }
```

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

```
.border{ border-color:rgb(64, 8, 61) }
```

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

Here you see how a box with a 4 pixel rgb(64, 8, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 8, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 8, 61); box-shadow:4px  
4px 4px 4px rgb(64, 8, 61) }
```

Background

The CSS property to change the background color of an element to Android 4282386493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 8, 61) }
```

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

```
.background{ background-color: rgb(64, 8,  
61) }
```

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