

Converting Colors

Android(4281794626)

Have a look what the booklet for
Android(4281794626) contains.

Android(4281794626)	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(4281794626)

Conversions

Conversions Part 1

Format	Color
Hex	370042
RGB	55, 0, 66
RGB Percent	22%, 0%, 26%
CMY	0.7843, 1.0000, 0.7412
CMYK	0.17, 1.00, 0.00, 0.74
HSL	290°, 100%, 13%
HSV	290°, 100%, 26%
XYZ	2.5589, 1.2056, 5.2521
YIQ	23.9690, 11.5940, 32.1860

Conversions

Conversions Part 2

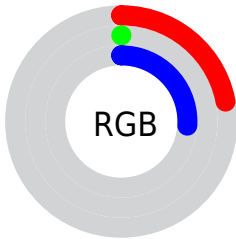
Format	Color
R_{YB}	55, 0, 66
Decimal	3604546
CIE _{Lab}	10.60, 35.21, -26.94
CIE _{LCh}	11, 44.335, 322.574
Yxy	1.2056, 0.2838, 0.1337
Android (android.graphics.Color)	4281794626 (0xFF370042)
YUV	23.9690, 20.7213, 27.2142
Hunter-Lab	10.9799, 22.3857, -20.6748

Details

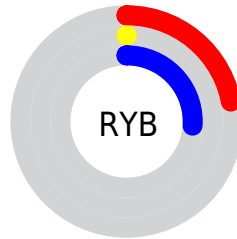
The Android color **4281794626** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278927872**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4285084275**, and **4278190358** is the 20% darker color. If you saturate the color by 10%, you get **4281794626**, and if you desaturate by 10%, it is **4281861954**.

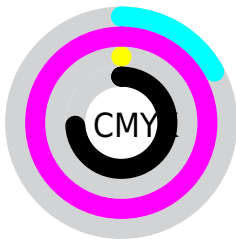
Distribution



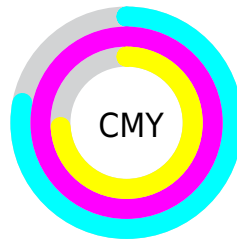
- Red (22%)
- Green (0%)
- Blue (26%)



- Red (22%)
- Yellow (0%)
- Blue (26%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)





- Cyan (78%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281794626 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 4281794626 by changing the saturation by 10% instead.

 4281794626

 4281794626

 4294961919

 4280549420

 4285084275

 4278190358

 4286794380

 4278190080


 4288570279

 4290346434

 4292188126

 4294095611

 4294954751

 4281794626

■ 4281861954

■ 4281929026

■ 4281996354

■ 4282063426

■ 4282196290

■ 4282263618

■ 4282330690

■ 4282398018

■ 4282465090

Harmonies

Analogous

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



4278196566



4281794626



4283105318

Triad

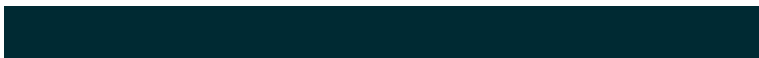
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281794626



4281014528



4278200883

Complementary

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



4281794626



4278927872

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.



4278200596



4281794626



4279050752

Square

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



4281794626



4282385920



4278200064



4278200397

Rectangle

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



4281794626



4283301905



4278200064



4278200873

Sweetspot

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



4281794626



4283579735



4278192962



4280884267



4289440683



4281019179

Same Dimension

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



4281794626



4282908759



4282515500



4280360481



4283498593



4290445536

Inverse Universe

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



4282515467



4283891726



4278206998



4280360478



4284547088



4292870181

Previews

White Background



This preview shows how the Android color 4281794626 looks on a white background.

Color Contrast Check

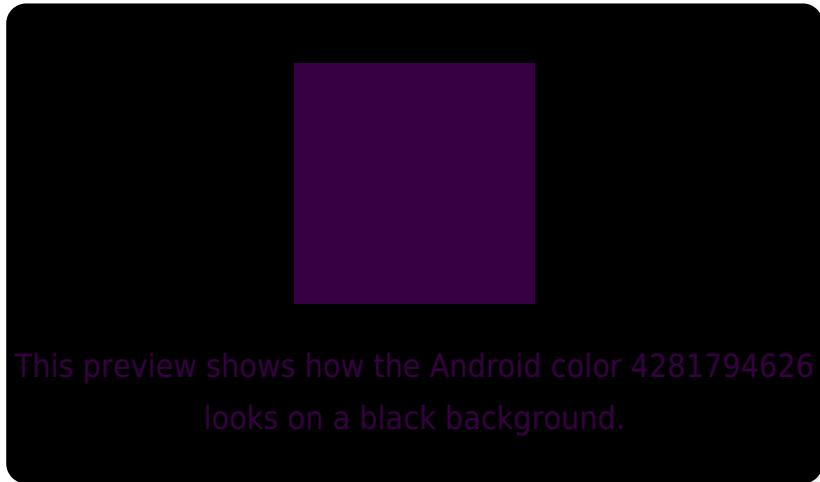
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281794626 Background



This preview shows how black text looks on a background with the Android color 4281794626.



This preview shows how white text looks on a background with the Android color 4281794626.

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
4281794626

Protanopia
4278198340

Deuteranopia
4278198844

Trichromacy



Original Color

4281794626

Protanomaly

4279505987

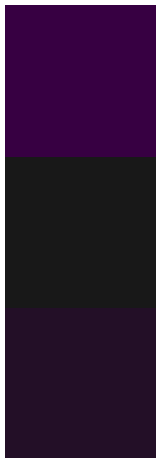
Deuteranomaly

4279506494

Tritanomaly

4281602346

Monochromacy



Original Color

4281794626

Achromatopsia

4279769112

Achromatomaly

4280487719

CSS Examples

Text

The CSS property to change the color of the text to Android 4281794626 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(55, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 66)  
}
```

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(55, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 66) }
```

Border

The CSS property to change the border of an element to Android 4281794626 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(55, 0, 66) }
```

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

```
.border{ border-color:rgb(55, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(55, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 0, 66); box-shadow:4px  
4px 4px 4px rgb(55, 0, 66) }
```

Background

The CSS property to change the background color of an element to Android 4281794626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 66) }
```

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

```
.background{ background-color: rgb(55, 0,  
66) }
```

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