

Converting Colors

Android(4282333066)

Have a look what the booklet for
Android(4282333066) contains.

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Color

Android(4282333066)

Conversions

Conversions Part 1

Format	Color
Hex	3F378A
RGB	63, 55, 138
RGB Percent	25%, 22%, 54%
CMY	0.7529, 0.7843, 0.4588
CMYK	0.54, 0.60, 0.00, 0.46
HSL	246°, 43%, 38%
HSV	246°, 60%, 54%
XYZ	8.0035, 5.6241, 24.7085
YIQ	66.8540, -21.8750, 27.5090

Conversions

Conversions Part 2

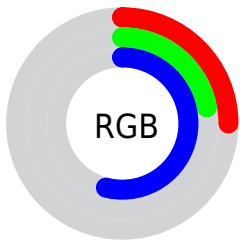
Format	Color
R_{YB}	63, 55, 138
Decimal	4142986
CIE _{Lab}	28.44, 27.59, -45.36
CIE _{LCh}	28, 53.093, 301.306
Y _{xy}	5.6241, 0.2088, 0.1467
Android (android.graphics.Color)	4282333066 (0xFF3F378A)
Y _{UV}	66.8540, 35.0750, -3.3800
Hunter-Lab	23.7152, 18.7395, -45.1726

Details


The Android color `4282333066` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4286745143`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4285884096`, and `4278193495` is the 20% darker color. If you saturate the color by 10%, you get `4281543050`, and if you desaturate by 10%, it is `4283123082`.

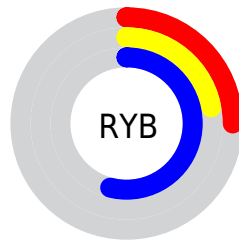
Distribution



 Red (25%)

 Green (22%)

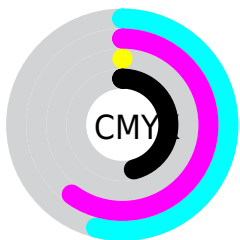
 Blue (54%)





 Red (25%)

 Yellow (22%)

 Blue (54%)

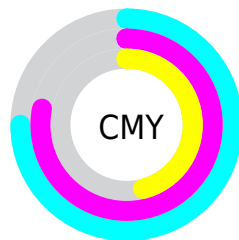


 Cyan (54%)

 Magenta (60%)

 Yellow (0%)

 Black (46%)



 Cyan (75%)

 Magenta (78%)

 Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282333066 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 4282333066 by changing the saturation by 10% instead.



4282333066



4282333066

4294967295



4280426864



4285884096



4278193495



4287659996



4278190143



4289501689



4278190888



4291409151



4278190354



4293316863



4278190080



4294962431



4282333066



4282333066



4281543050



4283123082

■ 4280687498

■ 4283978634

■ 4279897738

■ 4284768394

■ 4279042186

■ 4285623946

■ 4286413962

■ 4287269514

■ 4288059530

■ 4288914826

■ 4289704842

Harmonies

Analogous

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



4278208662



4282333066



4285799787

Triad

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



4282333066



4285608192



4278211652

Complementary

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



4282333066



4286745143

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.



4278211096



4282333066



4283580928

Square

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



4282333066



4286912027



4280830976



4278211693

Rectangle

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



4282333066



4286842449



4280830976



4278211381

Sweetspot

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



4282333066



4287992499



4281828234



4282926681



4292467161



4284045657

Same Dimension

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



4282333066



4282266291



4284954506



4282334789



4279042181



4278190085

Inverse Universe

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



4287248258



4289933990



4284123703



4282728004



4286906488



4278517765

Previews

White Background



This preview shows how the Android color 4282333066 looks on a white background.

Color Contrast Check

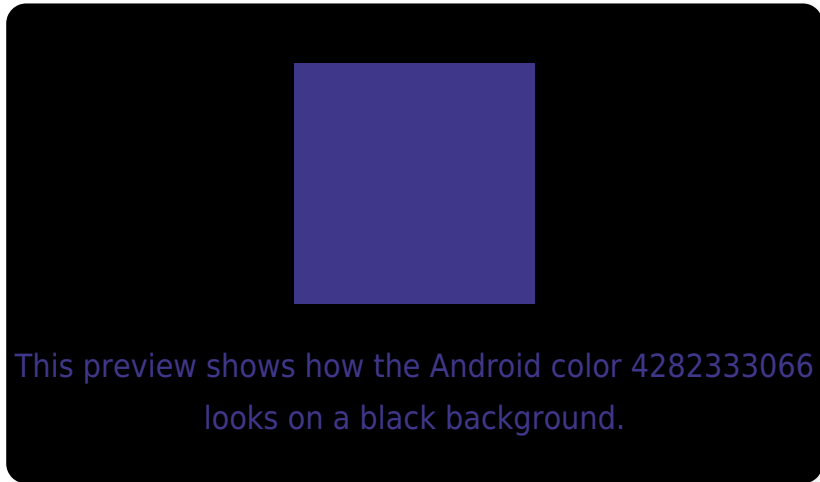
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282333066 Background



This preview shows how black text looks on a background with the Android color 4282333066.



This preview shows how white text looks on a background with the Android color 4282333066.

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
4282333066

Protanopia
4278206857

Deuteranopia
4278207863

Trichromacy



Original Color
4282333066

Protanomaly
4279713161

Deuteranomaly
4279713918

Tritanomaly
4281483876

Monochromacy



Original Color
4282333066

Achromatopsia
4282598211

Achromatomaly
4282531677

CSS Examples

Text

The CSS property to change the color of the text to Android 4282333066 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(63, 55, 138)` looks like.

```
.text, #text, p{  
    color:rgb(63, 55, 138)  
}
```

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(63, 55, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 55, 138) }
```

Border

The CSS property to change the border of an element to Android 4282333066 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(63, 55, 138) }
```

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

```
.border{ border-color:rgb(63, 55, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 55, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 55, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 55, 138);  
box-shadow:4px 4px 4px 4px rgb(63, 55,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4282333066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 55, 138) }
```

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

```
.background{ background-color: rgb(63, 55,  
138) }
```

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](#).

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