

Converting Colors

Android(4284493942)

Have a look what the booklet for
Android(4284493942) contains.

Android(4284493942)	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(4284493942)

Conversions

Conversions Part 1

Format	Color
Hex	603076
RGB	96, 48, 118
RGB Percent	38%, 19%, 46%
CMY	0.6235, 0.8118, 0.5373
CMYK	0.19, 0.59, 0.00, 0.54
HSL	281°, 42%, 33%
HSV	281°, 59%, 46%
XYZ	9.1508, 5.9087, 17.7977
YIQ	70.3320, 6.1380, 31.9460

Conversions

Conversions Part 2

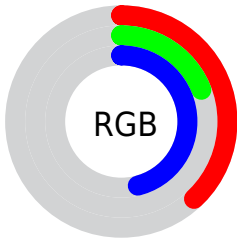
Format	Color
R_{YB}	96, 48, 118
Decimal	6303862
CIE _{Lab}	29.18, 34.42, -31.45
CIE _{LCh}	29, 46.626, 317.575
Yxy	5.9087, 0.2785, 0.1798
Android (android.graphics.Color)	4284493942 (0xFF603076)
YUV	70.3320, 23.5003, 22.5108
Hunter-Lab	24.3078, 24.6587, -26.3955

Details

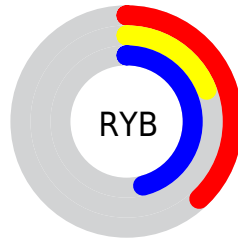
The Android color `4284493942` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4282807856`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4287914411`, and `4281204805` is the 20% darker color. If you saturate the color by 10%, you get `4284228726`, and if you desaturate by 10%, it is `4284759158`.

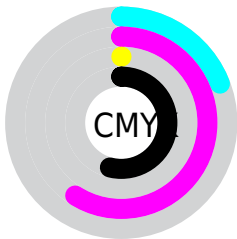
Distribution



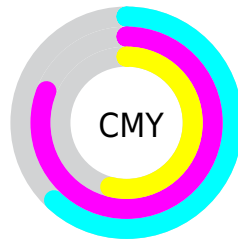
- Red (38%)
- Green (19%)
- Blue (46%)



- Red (38%)
- Yellow (19%)
- Blue (46%)



- Cyan (19%)
- Magenta (59%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284493942 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 4284493942 by changing the saturation by 10% instead.



4284493942



4284493942

4294967295



4282849373



4287914411



4281204805



4289755846



4280025135



4291597538



4278190361



4293439487



4278190080



4294953983



4294961151



4284493942



4284493942



4284228726



4284759158

■ 4284029046

■ 4284958838

■ 4283764086

■ 4285223798

■ 4283498870

■ 4285489014

■ 4283498614

■ 4285754230

■ 4285953910

■ 4286219126

■ 4286484086

■ 4286683766

Harmonies

Analogous

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



4279779978



4284493942



4286389589

Triad

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



4284493942



4284562944



4278211930

Complementary

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



4284493942



4282807856

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.



4278211636



4284493942



4282468864

Square

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



4284493942



4286065935



4279062541



4278211450

Rectangle

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



4284493942



4286847293



4279062541



4278211917

Sweetspot

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



4284493942



4287659417



4281353846



4282858573



4291611852



4283256141

Same Dimension

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



4284493942



4286000281



4285935721



4281939259



4283695226



4289396986

Inverse Universe

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



4285935686



4288228431



4281366077



4282070327



4286185510



4294574159

Previews

White Background



This preview shows how the Android color 4284493942 looks on a white background.

Color Contrast Check

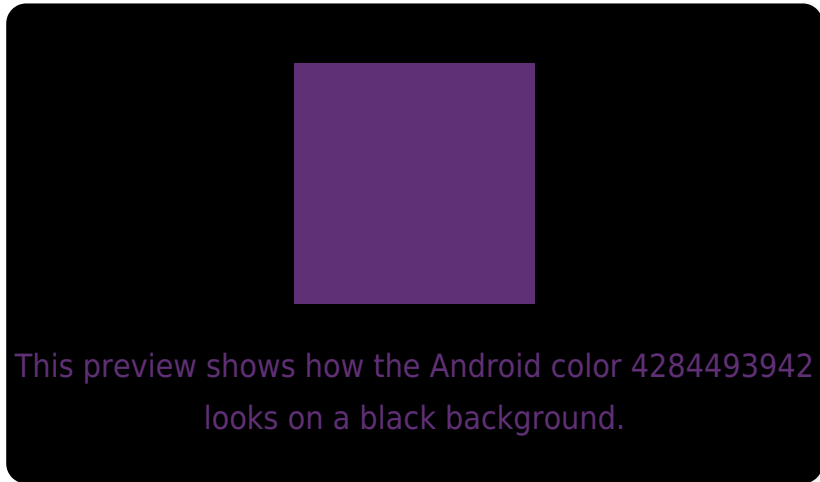
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284493942 Background



This preview shows how black text looks on a background with the Android color 4284493942.



This preview shows how white text looks on a background with the Android color 4284493942.

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


4284493942

Protanopia

4279845769

Deuteranopia

4280895090



Tritanopia
4283973187

Trichromacy



Original Color
4284493942

Protanomaly
4281547906

Deuteranomaly
4282203763

Tritanomaly
4284168534

Monochromacy



Original Color
4284493942

Achromatopsia
4282795590

Achromatomaly
4283383383

CSS Examples

Text

The CSS property to change the color of the text to Android 4284493942 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(96, 48, 118)` looks like.

```
.text, #text, p{  
    color:rgb(96, 48, 118)  
}
```

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(96, 48, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 48, 118) }
```

Border

The CSS property to change the border of an element to Android 4284493942 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(96, 48, 118) }
```

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

```
.border{ border-color:rgb(96, 48, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 48, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 48, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 48, 118);  
box-shadow:4px 4px 4px 4px rgb(96, 48,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4284493942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 48, 118) }
```

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

```
.background{ background-color: rgb(96, 48,  
118) }
```

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