

Converting Colors

Android(4284891774)

Have a look what the booklet for
Android(4284891774) contains.

Android(4284891774)	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(4284891774)

Conversions

Conversions Part 1

Format	Color
Hex	66427E
RGB	102, 66, 126
RGB Percent	40%, 26%, 49%
CMY	0.6000, 0.7412, 0.5059
CMYK	0.19, 0.48, 0.00, 0.51
HSL	276°, 31%, 38%
HSV	276°, 48%, 49%
XYZ	11.1936, 8.2276, 20.7368
YIQ	83.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

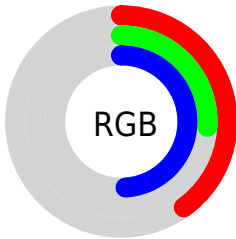
Format	Color
R_{YB}	102, 66, 126
Decimal	6701694
CIE _{Lab}	34.45, 27.62, -28.08
CIE _{LCh}	34, 39.386, 314.521
Yxy	8.2276, 0.2787, 0.2049
Android (android.graphics.Color)	4284891774 (0xFF66427E)
YUV	83.6040, 20.9012, 16.1333
Hunter-Lab	28.6837, 19.4617, -22.7848

Details

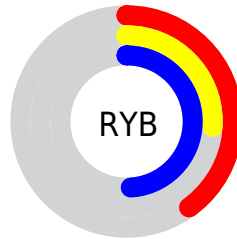
The Android color `4284891774` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4284120642`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4288312243`, and `4281668941` is the 20% darker color. If you saturate the color by 10%, you get `4284560766`, and if you desaturate by 10%, it is `4285222782`.

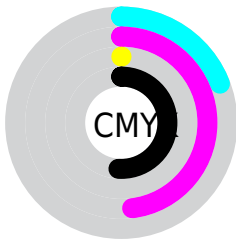
Distribution



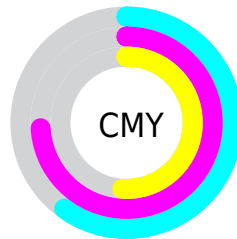
- Red (40%)
- Green (26%)
- Blue (49%)



- Red (40%)
- Yellow (26%)
- Blue (49%)



- Cyan (19%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (74%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284891774 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 4284891774 by changing the saturation by 10% instead.



4284891774



4284891774

4294967295



4283247461



4288312243



4281668941



4290153935



4280221749



4291995627



4278190112



4293837823



4278190083



4294959103



4278190080



4294966527



4284891774



4284891774



4284560766



4285222782

■ 4284230014

■ 4285553534

■ 4283899006

■ 4285884542

■ 4283568254

■ 4286215294

■ 4283237246

■ 4286546302

■ 4283170942

■ 4286877310

■ 4287208062

■ 4287539070

■ 4287869822

Harmonies

Analogous

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



4281421710



4284891774



4286658147

Triad

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



4284891774



4285483536



4278214752

Complementary

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



4284891774



4284120642

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.



4278214463



4284891774



4283651084

Square

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



4284891774



4286725414



4281293601



4278214268

Rectangle

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



4284891774



4287181646



4281293601



4278214741

Sweetspot

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



4284891774



4288318627



4282538622



4283188306



4291940817



4283585106

Same Dimension

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



4284891774



4286465699



4286464632



4282202432



4283236480



4278190080

Inverse Universe

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



4286464602



4288890475



4282547784



4282399036



4286578739



4278190080

Previews

White Background



This preview shows how the Android color 4284891774 looks on a white background.

Color Contrast Check

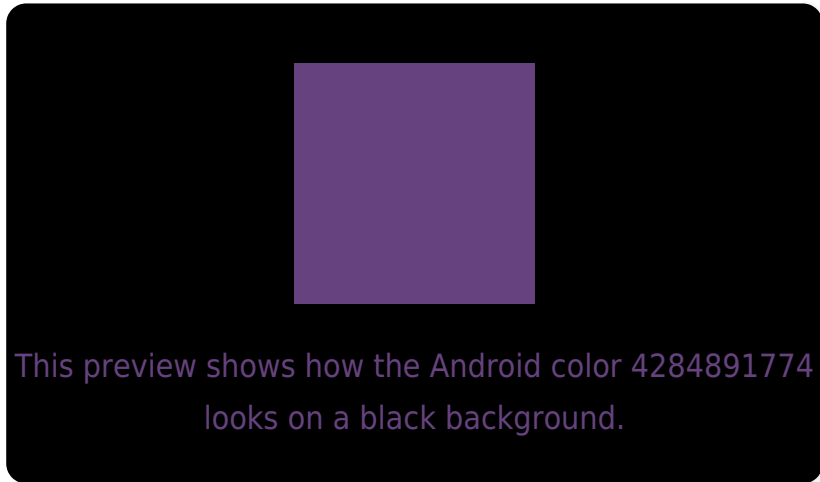
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284891774 Background



This preview shows how black text looks on a background with the Android color 4284891774.



This preview shows how white text looks on a background with the Android color 4284891774.

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

4284891774

Protanopia

4281880458

Deuteranopia

4282274171

Trichromacy



Original Color

4284891774

Protanomaly

4282993286

Deuteranomaly

4283255932

Tritanomaly

4284631138

Monochromacy



Original Color

4284891774

Achromatopsia

4283716692

Achromatomaly

4284173667

CSS Examples

Text

The CSS property to change the color of the text to Android 4284891774 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(102, 66, 126)` looks like.

```
.text, #text, p{  
    color:rgb(102, 66, 126)  
}
```

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(102, 66, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 66, 126) }
```

Border

The CSS property to change the border of an element to Android 4284891774 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(102, 66, 126) }
```

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

```
.border{ border-color:rgb(102, 66, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 66, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 66, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 66, 126);  
box-shadow:4px 4px 4px 4px rgb(102, 66,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4284891774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 66, 126) }
```

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

```
.background{ background-color: rgb(102, 66,  
126) }
```

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