

Converting Colors

Android(4286346948)

Have a look what the booklet for
Android(4286346948) contains.

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Color

Android(4286346948)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7C76C4 |
| RGB | 124, 118, 196 |
| RGB Percent | 49%, 46%, 77% |
| CMY | 0.5137, 0.5373, 0.2314 |
| CMYK | 0.37, 0.40, 0.00, 0.23 |
| HSL | 245°, 40%, 62% |
| HSV | 245°, 40%, 77% |
| XYZ | 24.7544, 21.2275, 55.0172 |
| YIQ | 128.6860, -21.4620, 25.5300 |

Conversions

Conversions Part 2

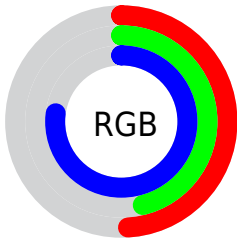
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 124, 118, 196 |
| Decimal | 8156868 |
| CIELab | 53.20, 21.04, -39.99 |
| CIElCh | 53, 45.189, 297.751 |
| Yxy | 21.2275, 0.2451, 0.2102 |
| Android (android.graphics.Color) | 4286346948 (0xFF7C76C4) |
| YUV | 128.6860, 33.1858, -4.1096 |
| Hunter-Lab | 46.0733, 15.2769, -38.5482 |

Details

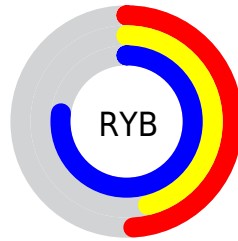
The Android color `4286346948` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4290692214`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4289964797`, and `4282861198` is the 20% darker color. If you saturate the color by 10%, you get `4285162180`, and if you desaturate by 10%, it is `4287531716`.

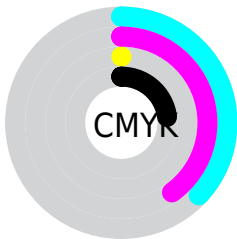
Distribution



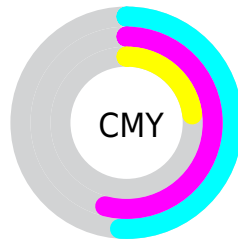
- Red (49%)
- Green (46%)
- Blue (77%)



- Red (49%)
- Yellow (46%)
- Blue (77%)



- Cyan (37%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286346948 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 4286346948 by changing the saturation by 10% instead.



4286346948



4286346948

4294967295



4284571049



4289964797



4282861198



4291806719



4281085812



4293714431



4278983515

4294967039



4278190659



4278190892



4278190358



4278190080



4286346948



4286346948

 4285162180


 4287531716

 4283977668

 4288716228

 4282792900

 4289900996

 4281608388

 4291085508

 4280423620

 4292270276

 4279173316

 4293520580

 4294705092

 4294967236

Harmonies

Analogous

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



4280255693



4286346948



4289488553

Triad

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



4286346948



4290080062



4278227579

Complementary

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



4286346948



4290692214

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.



4282290004



4286346948



4288117806

Square

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



4286346948



4291191133



4285630262



4278227618

Rectangle

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



4286346948



4290666385



4285630262



4278227309

Sweetspot

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



4286346948



4293124351



4285972420



4285492864



4278190080



4286611584

Same Dimension

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



4286346948



4287530495



4288837316



4283979617



4278976673



4278386721

Inverse Universe

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



4291065534



4294936054



4288201846



4284569440



4288741524



4280352799

Previews

White Background



This preview shows how the Android color 4286346948 looks on a white background.

Color Contrast Check

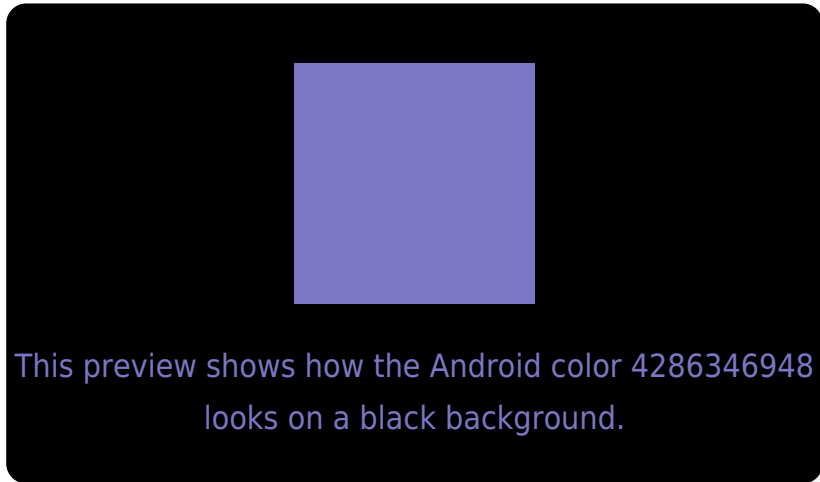
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286346948 Background



This preview shows how black text looks on a background with the Android color 4286346948.

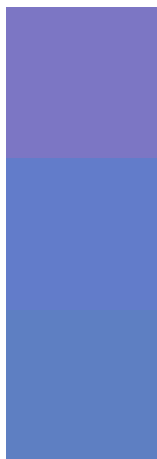


This preview shows how white text looks on a background with the Android color 4286346948.

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
4286346948

Protanopia
4284644554

Deuteranopia
4284383170

Trichromacy



Original Color

4286346948

Protanomaly

4285233864

Deuteranomaly

4285103299

Tritanomaly

4285824672

Monochromacy



Original Color

4286346948

Achromatopsia

4286677377

Achromatomaly

4286545305

CSS Examples

Text

The CSS property to change the color of the text to Android 4286346948 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(124, 118, 196)` looks like.

```
.text, #text, p{  
    color:rgb(124, 118, 196)  
}
```

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(124, 118, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 118, 196) }
```

Border

The CSS property to change the border of an element to Android 4286346948 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(124, 118, 196) }
```

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

```
.border{ border-color:rgb(124, 118, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 118, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 118, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 118, 196);  
box-shadow:4px 4px 4px 4px rgb(124, 118,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4286346948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 118, 196) }
```

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

```
.background{ background-color: rgb(124,  
118, 196) }
```

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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