

Converting Colors

Android(4284842426)

Have a look what the booklet for
Android(4284842426) contains.

| | |
|--|----|
| Android(4284842426) | 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(4284842426)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 6581BA |
| RGB | 101, 129, 186 |
| RGB Percent | 40%, 51%, 73% |
| CMY | 0.6039, 0.4941, 0.2706 |
| CMYK | 0.46, 0.31, 0.00, 0.27 |
| HSL | 220°, 38%, 56% |
| HSV | 220°, 46%, 73% |
| XYZ | 22.0800, 22.0124, 49.5394 |
| YIQ | 127.1260, -34.9850, 11.7910 |

Conversions

Conversions Part 2

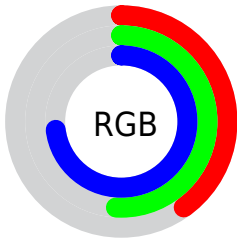
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 101, 122, 186 |
| Decimal | 6652346 |
| CIE _{Lab} | 54.04, 5.47, -33.07 |
| CIE _{LCh} | 54, 33.515, 279.393 |
| Yxy | 22.0124, 0.2358, 0.2351 |
| Android (android.graphics.Color) | 4284842426 (0xFF6581BA) |
| YUV | 127.1260, 29.0249, -22.9125 |
| Hunter-Lab | 46.9174, 1.8994, -29.7614 |

Details

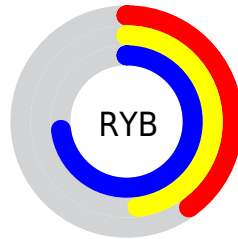
The Android color `4284842426` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290420325`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4288460530`, and `4281225349` is the 20% darker color. If you saturate the color by 10%, you get `4283594170`, and if you desaturate by 10%, it is `4286090682`.

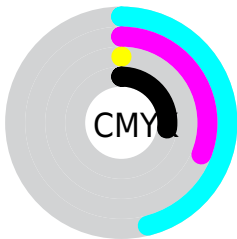
Distribution



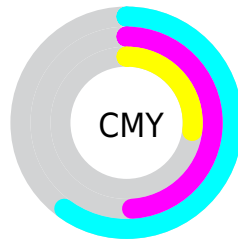
- Red (40%)
- Green (51%)
- Blue (73%)



- Red (40%)
- Yellow (48%)
- Blue (73%)



- Cyan (46%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (60%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color #4284842426 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 #4284842426 by changing the saturation by 10% instead.



4284842426



4284842426

4294967295



4283066527



4288460530



4281225349



4290302463



4278991211



4292144639



4278199378



4294049791



4278193979



4278190629



4278190349



4278190080



4284842426



4284842426

■ 4283594170

■ 4286090682

■ 4282411194

■ 4287273658

■ 4281162938

■ 4288521914

■ 4279979962

■ 4289704890

■ 4278731706

■ 4290953146

■ 4278205882

■ 4292201658

■ 4293384378

■ 4294632890

■ 4294963642

Harmonies

Analogous

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



4281043639



4284842426



4287657646

Triad

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



4284842426



4290080606



4282814316

Complementary

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



4284842426



4290420325

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.



4285237843



4284842426



4289034571

Square

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



4284842426



4290341497



4287332935



4279079306

Rectangle

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



4284842426



4289032351



4287332935



4283731555

Sweetspot

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



4284842426



4291878130



4284856990



4284902522



4294638330



4286216826

Same Dimension

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



4284842426



4285372914



4285752762



4283651676



4278203292



4278192412

Inverse Universe

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



4290405761



4294077849



4289509989



4284240726



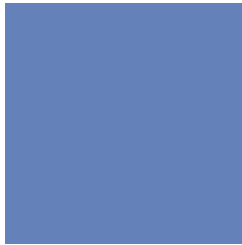
4288413747



4280025097

Previews

White Background



This preview shows how the Android color 4284842426 looks on a white background.

Color Contrast Check

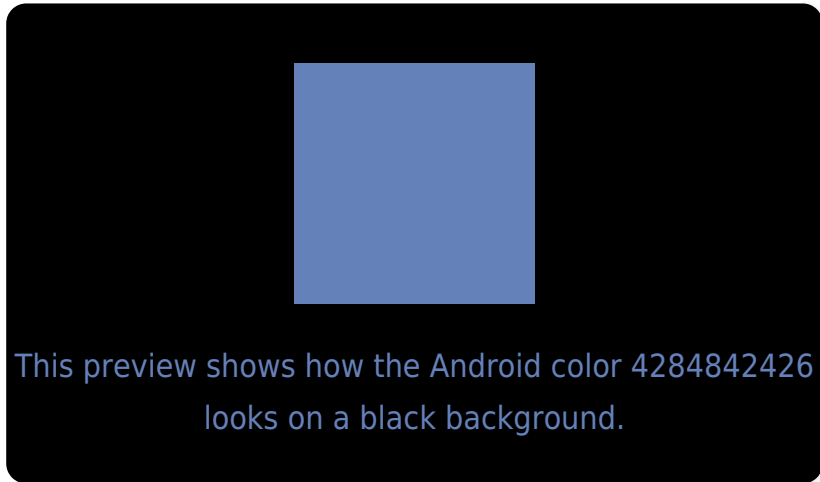
Large Text (above 18pt) WCAG AA ✓ Pass

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

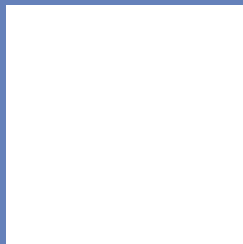
Any Text WCAG AAA × Fail

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

Android 4284842426 Background



This preview shows how black text looks on a background with the Android color 4284842426.

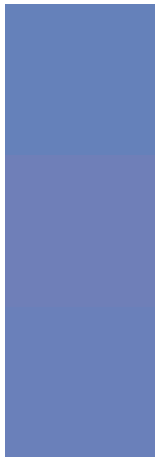


This preview shows how white text looks on a background with the Android color 4284842426.

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

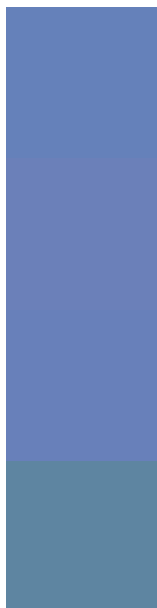


Original Color
4284842426

Protanopia
4285497272

Deuteranopia
4285169850

Trichromacy



Original Color

4284842426

Protanomaly

4285235385

Deuteranomaly

4285038778

Tritanomaly

4284384673

Monochromacy



Original Color

4284842426

Achromatopsia

4286545791

Achromatomaly

4285956244

CSS Examples

Text

The CSS property to change the color of the text to Android 4284842426 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(101, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(101, 129, 186)  
}
```

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(101, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 129, 186) }
```

Border

The CSS property to change the border of an element to Android 4284842426 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(101, 129, 186) }
```

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

```
.border{ border-color:rgb(101, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(101, 129,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4284842426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 129, 186) }
```

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

```
.background{ background-color: rgb(101,  
129, 186) }
```

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