

Converting Colors

Android(4283524782)

Have a look what the booklet for
Android(4283524782) contains.

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Color

Android(4283524782)

Conversions

Conversions Part 1

Format	Color
Hex	5166AE
RGB	81, 102, 174
RGB Percent	32%, 40%, 68%
CMY	0.6824, 0.6000, 0.3176
CMYK	0.53, 0.41, 0.00, 0.32
HSL	226°, 36%, 50%
HSV	226°, 53%, 68%
XYZ	15.7847, 14.3081, 41.9742
YIQ	103.9290, -35.6280, 17.9400

Conversions

Conversions Part 2

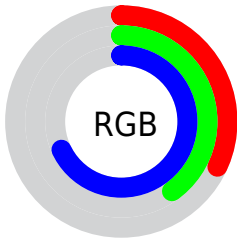
Format	Color
RYB	81, 98, 174
Decimal	5334702
CIELab	44.67, 13.32, -40.95
CIELCh	45, 43.063, 288.015
Yxy	14.3081, 0.2190, 0.1985
Android (android.graphics.Color)	4283524782 (0xFF5166AE)
YUV	103.9290, 34.5450, -20.1087
Hunter-Lab	37.8260, 8.2921, -39.3138

Details

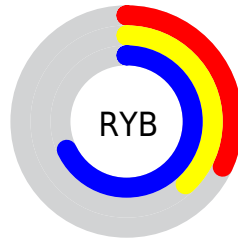
The Android color `4283524782` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289632593`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4287142374`, and `4279384185` is the 20% darker color. If you saturate the color by 10%, you get `4282407342`, and if you desaturate by 10%, it is `4284642222`.

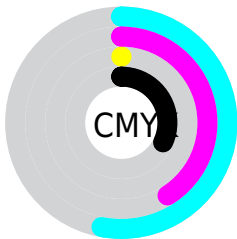
Distribution



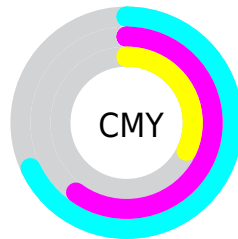
- Red (32%)
- Green (40%)
- Blue (68%)



- Red (32%)
- Yellow (38%)
- Blue (68%)



- Cyan (53%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



- Cyan (68%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283524782 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 4283524782 by changing the saturation by 10% instead.



4283524782



4283524782

4294967295



4281683603



4287142374



4279384185



4288984063



4278199136



4290826239



4278193736



4292733951



4278191152



4294705151



4278190363



4278190080



4283524782



4283524782



4282407342



4284642222

■ 4281224110

■ 4285825454

■ 4280106670

■ 4286942894

■ 4278923438

■ 4288126126

■ 4278200238

■ 4289243566

■ 4290361262

■ 4291544238

■ 4292661934

■ 4293844910

Harmonies

Analogous

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



4278219440



4283524782



4287059866

Triad

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



4283524782



4288763189



4278221402

Complementary

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



4283524782



4289632593

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.



4282283575



4283524782



4287193888

Square

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



4283524782



4289481302



4285034016



4278221695

Rectangle

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



4283524782



4288499333



4285034016



4278483277

Sweetspot

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



4283524782



4290758627



4283543192



4284310131



4294111986



4285756275

Same Dimension

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



4283524782



4283593443



4285157806



4283322455



4278198934



4278191383

Inverse Universe

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



4289614182



4293087858



4287999569



4283911760



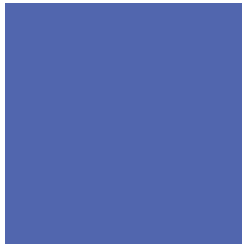
4288020514



4279697413

Previews

White Background



This preview shows how the Android color 4283524782 looks on a white background.

Color Contrast Check

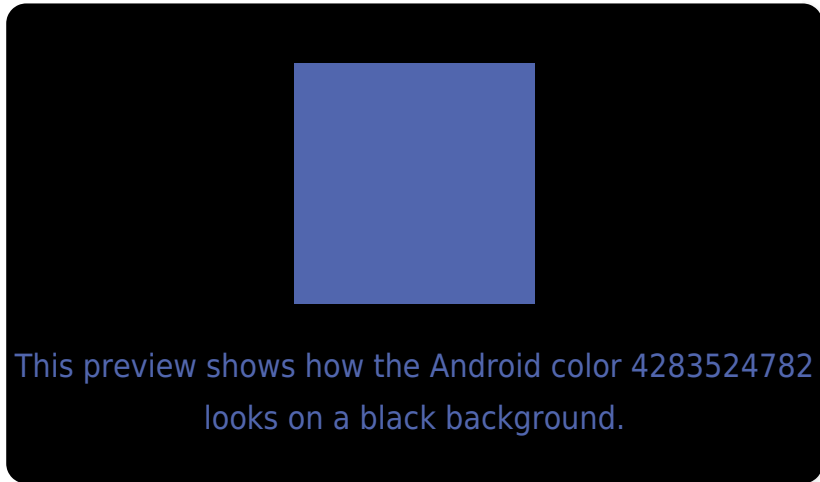
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4283524782 Background



This preview shows how black text looks on a background with the Android color 4283524782.



This preview shows how white text looks on a background with the Android color 4283524782.

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

4283524782

Protanopia

4283197359

Deuteranopia

4282280621

Trichromacy



Original Color
4283524782

Protanomaly
4283328431

Deuteranomaly
4282739117

Tritanomaly
4282805645

Monochromacy



Original Color
4283524782

Achromatopsia
4285032552

Achromatomaly
4284508033

CSS Examples

Text

The CSS property to change the color of the text to Android 4283524782 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(81, 102, 174)` looks like.

```
.text, #text, p{  
    color:rgb(81, 102, 174)  
}
```

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(81, 102, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 102, 174) }
```

Border

The CSS property to change the border of an element to Android 4283524782 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(81, 102, 174) }
```

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

```
.border{ border-color:rgb(81, 102, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 102, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 102, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 102, 174);  
box-shadow:4px 4px 4px 4px rgb(81, 102,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4283524782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 102, 174) }
```

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

```
.background{ background-color: rgb(81, 102,  
174) }
```

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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