

Converting Colors

Android(4283524760)

Have a look what the booklet for
Android(4283524760) contains.

Android(4283524760)	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(4283524760)

Conversions

Conversions Part 1

Format	Color
Hex	516698
RGB	81, 102, 152
RGB Percent	32%, 40%, 60%
CMY	0.6824, 0.6000, 0.4039
CMYK	0.47, 0.33, 0.00, 0.40
HSL	222°, 30%, 46%
HSV	222°, 47%, 60%
XYZ	13.8122, 13.5191, 31.5872
YIQ	101.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

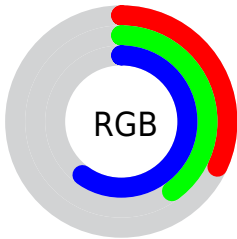
Format	Color
RYB	81, 97, 152
Decimal	5334680
CIELab	43.54, 6.26, -29.75
CIElCh	44, 30.401, 281.874
Yxy	13.5191, 0.2344, 0.2295
Android (android.graphics.Color)	4283524760 (0xFF516698)
YUV	101.4210, 24.9354, -17.9092
Hunter-Lab	36.7683, 2.7100, -25.1976

Details

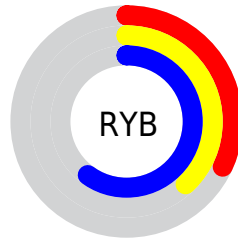
The Android color `4283524760` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288185169`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4287011279`, and `4280039525` is the 20% darker color. If you saturate the color by 10%, you get `4282538904`, and if you desaturate by 10%, it is `4284510616`.

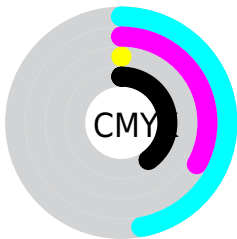
Distribution



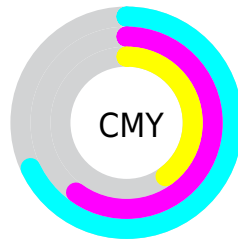
- Red (32%)
- Green (40%)
- Blue (60%)



- Red (32%)
- Yellow (38%)
- Blue (60%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283524760 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 4283524760 by changing the saturation by 10% instead.

■ 4283524760

■ 4283524760

4294967295

■ 4281814654

■ 4287011279

■ 4280039525

■ 4288787435

■ 4278198860

■ 4290629631

■ 4278193205

■ 4292471807

■ 4278190624

■ 4294377471

■ 4278190083

■ 4278190080

■ 4283524760

■ 4283524760

■ 4282538904

■ 4284510616

■ 4281553304

■ 4285496216

■ 4280501912

■ 4286547608

■ 4279516056

■ 4287533464

■ 4278530200

■ 4288519320

■ 4278201752

■ 4289504920

■ 4290490776

■ 4291542168

■ 4292527768

Harmonies

Analogous

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



4279856790



4283524760



4285947277

Triad

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



4283524760



4287846214



4281299798

Complementary

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



4283524760



4288185169

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.



4283526976



4283524760



4286865463

Square

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



4283524760



4288107358



4285360436



4278219888

Rectangle

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



4283524760



4287125375



4285360436



4282151502

Sweetspot

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



4283524760



4289311172



4283537539



4283652195



4293125091



4284703587

Same Dimension

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



4283524760



4283856836



4284436888



4282730317



4278200716



4278191117

Inverse Universe

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



4288172390



4291057271



4287273041



4283254087



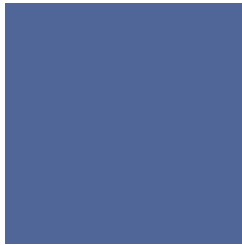
4287365161



4279042052

Previews

White Background



This preview shows how the Android color 4283524760 looks on a white background.

Color Contrast Check

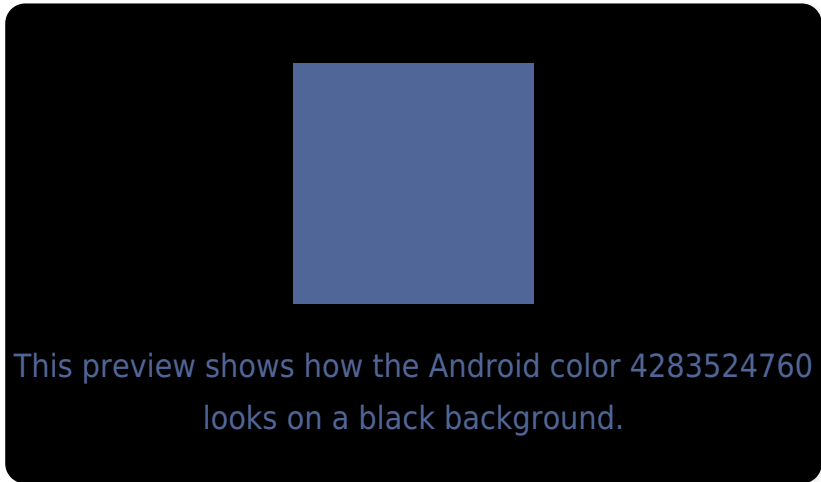
Large Text (above 18pt) WCAG AA ✓ Pass

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

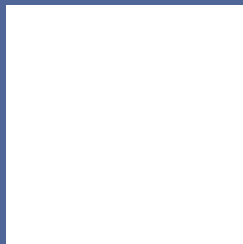
Any Text WCAG AAA × Fail

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

Android 4283524760 Background



This preview shows how black text looks on a background with the Android color 4283524760.



This preview shows how white text looks on a background with the Android color 4283524760.

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
4283524760

Protanopia
4283852183

Deuteranopia
4283524760

Trichromacy



Original Color

4283524760

Protanomaly

4283721111

Deuteranomaly

4283524760

Tritanomaly

4283132546

Monochromacy



Original Color

4283524760

Achromatopsia

4284835173

Achromatomaly

4284376440

CSS Examples

Text

The CSS property to change the color of the text to Android 4283524760 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(81, 102, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 102, 152) }
```

Border

The CSS property to change the border of an element to Android 4283524760 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, 152) }
```

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

```
.border{ border-color:rgb(81, 102, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 102, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 102, 152);  
box-shadow:4px 4px 4px 4px rgb(81, 102,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4283524760 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, 152) }
```

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

```
.background{ background-color: rgb(81, 102,  
152) }
```

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