

Converting Colors

Android(4283001240)

Have a look what the booklet for
Android(4283001240) contains.

Android(4283001240)	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(4283001240)

Conversions

Conversions Part 1

Format	Color
Hex	496998
RGB	73, 105, 152
RGB Percent	29%, 41%, 60%
CMY	0.7137, 0.5882, 0.4039
CMYK	0.52, 0.31, 0.00, 0.40
HSL	216°, 35%, 44%
HSV	216°, 52%, 60%
XYZ	13.4667, 13.7866, 31.6571
YIQ	100.7900, -34.1590, 7.8330

Conversions

Conversions Part 2

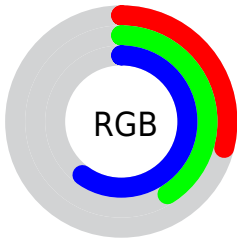
Format	Color
R_{YB}	73, 96, 152
Decimal	4811160
CIE Lab	43.93, 2.36, -29.18
CIE LCh	44, 29.271, 274.631
Yxy	13.7866, 0.2286, 0.2340
Android (android.graphics.Color)	4283001240 (0xFF496998)
YUV	100.7900, 25.2465, -24.3718
Hunter-Lab	37.1303, -0.2383, -24.5590

Details

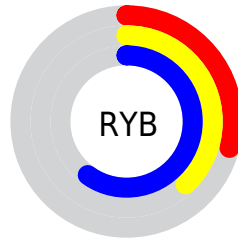
The Android color `4283001240` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288182345`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4286487759`, and `4279122533` is the 20% darker color. If you saturate the color by 10%, you get `4282015896`, and if you desaturate by 10%, it is `4283986584`.

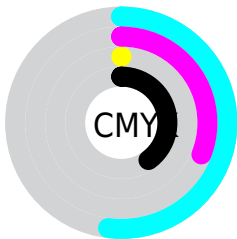
Distribution



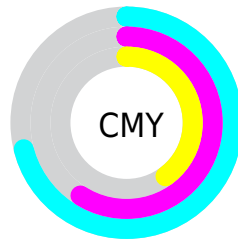
- Red (29%)
- Green (41%)
- Blue (60%)



- Red (29%)
- Yellow (38%)
- Blue (60%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283001240 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 4283001240 by changing the saturation by 10% instead.

■ 4283001240

■ 4283001240

4294967295

■ 4281225598

■ 4286487759

■ 4279122533

■ 4288329707

■ 4278199629

■ 4290106111

■ 4278194230

■ 4292014079

■ 4278190624

■ 4293918719

■ 4278190084

■ 4278190080

■ 4283001240

■ 4283001240

■ 4282015896

■ 4283986584

■ 4281030552

■ 4284971928

■ 4279979672

■ 4286022808

■ 4278994328

■ 4287008152

■ 4278206104

■ 4287993496

■ 4288978840

■ 4289964184

■ 4291015064

■ 4292000408

Harmonies

Analogous

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



4279333011



4283001240



4285489296

Triad

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



4283001240



4287977293



4282086226

Complementary

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



4283001240



4288182345

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.



4284116799



4283001240



4287127356

Square

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



4283001240



4288042085



4285818935



4279137643

Rectangle

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



4283001240



4286732932



4285818935



4282806859

Sweetspot

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



4283001240



4289049284



4283013239



4283521123



4293125091



4284703587

Same Dimension

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



4283001240



4283137220



4283451800



4282730573



4278204812



4278191373

Inverse Universe

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



4288170345



4291054460



4287731785



4283254088



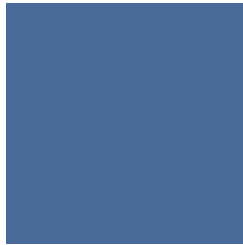
4287365177



4279042053

Previews

White Background



This preview shows how the Android color 4283001240 looks on a white background.

Color Contrast Check

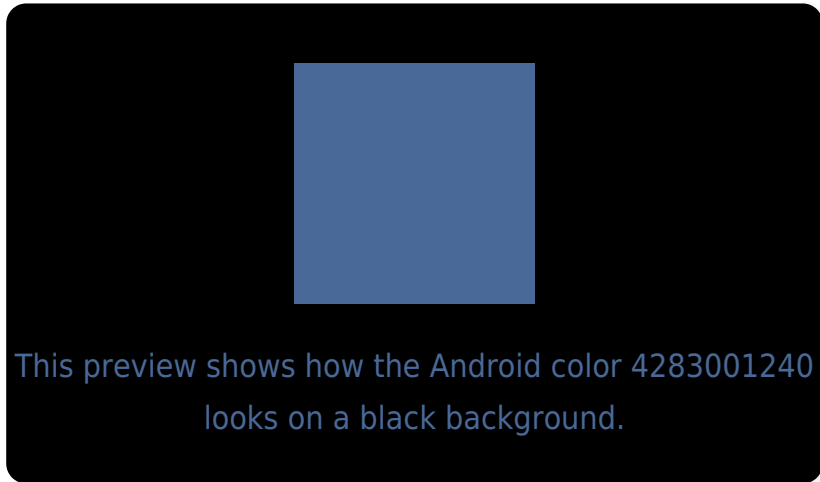
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283001240 Background



This preview shows how black text looks on a background with the Android color 4283001240.

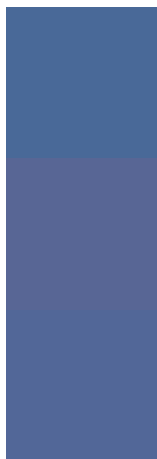


This preview shows how white text looks on a background with the Android color 4283001240.

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

4283001240

Protanopia

4283983509

Deuteranopia

4283590552

Trichromacy



Original Color
4283001240

Protanomaly
4283656086

Deuteranomaly
4283394200

Tritanomaly
4282543492

Monochromacy



Original Color
4283001240

Achromatopsia
4284835173

Achromatomaly
4284180088

CSS Examples

Text

The CSS property to change the color of the text to Android 4283001240 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(73, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(73, 105, 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(73, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 105, 152) }
```

Border

The CSS property to change the border of an element to Android 4283001240 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(73, 105, 152) }
```

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

```
.border{ border-color:rgb(73, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(73, 105,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4283001240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 105, 152) }
```

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

```
.background{ background-color: rgb(73, 105,  
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