

Converting Colors

Android(4282871672)

Have a look what the booklet for
Android(4282871672) contains.

Android(4282871672)	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(4282871672)

Conversions

Conversions Part 1

Format	Color
Hex	476F78
RGB	71, 111, 120
RGB Percent	28%, 44%, 47%
CMY	0.7216, 0.5647, 0.5294
CMYK	0.41, 0.07, 0.00, 0.53
HSL	191°, 26%, 37%
HSV	191°, 41%, 47%
XYZ	11.6731, 14.0645, 19.8688
YIQ	100.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

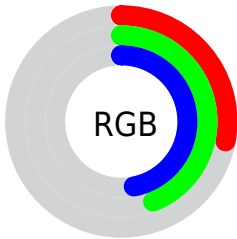
Format	Color
RYB	71, 93, 120
Decimal	4681592
CIELab	44.33, -11.49, -9.43
CIELCh	44, 14.864, 219.382
Yxy	14.0645, 0.2560, 0.3084
Android (android.graphics.Color)	4282871672 (0xFF476F78)
YUV	100.0660, 9.8275, -25.4909
Hunter-Lab	37.5027, -10.0696, -5.1597

Details

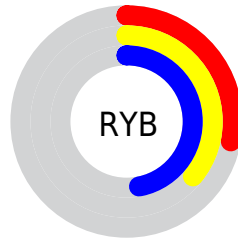
The Android color `4282871672` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286074951`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286227372`, and `4279582536` is the 20% darker color. If you saturate the color by 10%, you get `4282084728`, and if you desaturate by 10%, it is `4283658616`.

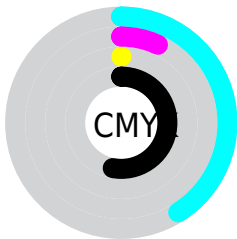
Distribution



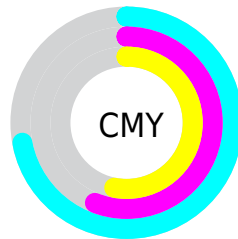
- Red (28%)
- Green (44%)
- Blue (47%)



- Red (28%)
- Yellow (36%)
- Blue (47%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282871672 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 4282871672 by changing the saturation by 10% instead.



4282871672



4282871672

4294967295



4281227103



4286227372



4279582536



4287938248



4278200625



4289780452



4278195740



4291557119



4278190080



4293459967



4282871672



4282871672



4282084728



4283658616



4281297784



4284445560

■ 4280510584

■ 4285232760

■ 4279723640

■ 4286019704

■ 4278936696

■ 4286806648

■ 4278215288

■ 4287593592

■ 4288380536

■ 4289167736

■ 4289954680

Harmonies

Analogous

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



4283002988



4282871672



4283460736

Triad

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



4282871672



4286341490



4285426000

Complementary

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



4282871672



4286074951

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.



4286211410



4282871672



4286734437

Square

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



4282871672



4285555836



4286669402



4284509525

Rectangle

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



4282871672



4284115585



4286669402



4285687888

Sweetspot

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



4282871672



4287207580



4282873936



4282666319



4291809231



4283387727

Same Dimension

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



4282871672



4283403932



4282865528



4281809981



4278216317



4278243068

Inverse Universe

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



4286072687



4288434062



4286081095



4282201916



4286382182



4294705358

Previews

White Background



This preview shows how the Android color 4282871672 looks on a white background.

Color Contrast Check

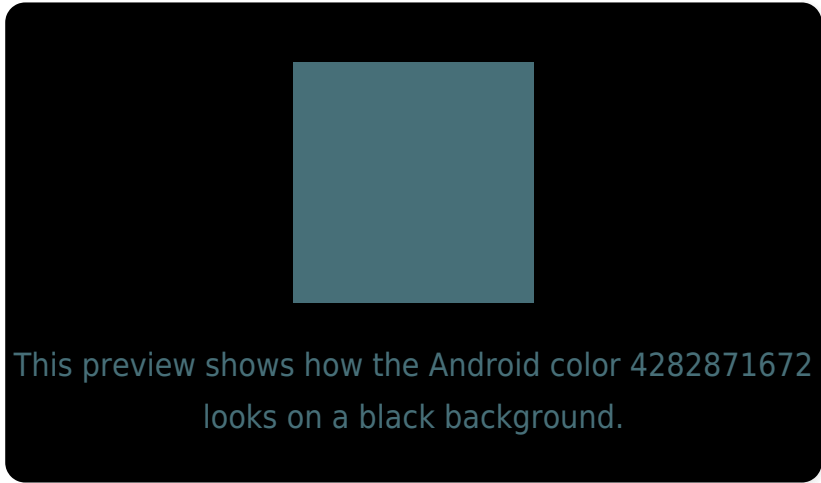
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282871672 Background



This preview shows how black text looks on a background with the Android color 4282871672.



This preview shows how white text looks on a background with the Android color 4282871672.

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

4282871672

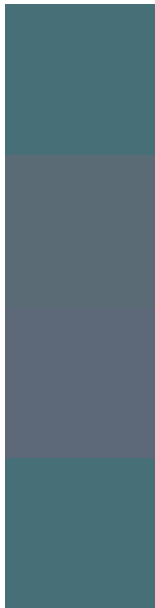
Protanopia

4284967027

Deuteranopia

4285163130

Trichromacy



Original Color
4282871672

Protanomaly
4284181365

Deuteranomaly
4284311929

Tritanomaly
4282871672

Monochromacy



Original Color
4282871672

Achromatopsia
4284769380

Achromatomaly
4284049515

CSS Examples

Text

The CSS property to change the color of the text to Android 4282871672 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(71, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(71, 111, 120)  
}
```

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(71, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 111, 120) }
```

Border

The CSS property to change the border of an element to Android 4282871672 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(71, 111, 120) }
```

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

```
.border{ border-color:rgb(71, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(71, 111,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4282871672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 111, 120) }
```

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

```
.background{ background-color: rgb(71, 111,  
120) }
```

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