

Converting Colors

Android(4282670172)

Have a look what the booklet for
Android(4282670172) contains.

Android(4282670172)	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(4282670172)

Conversions

Conversions Part 1

Format	Color
Hex	445C5C
RGB	68, 92, 92
RGB Percent	27%, 36%, 36%
CMY	0.7333, 0.6392, 0.6392
CMYK	0.26, 0.00, 0.00, 0.64
HSL	180°, 15%, 31%
HSV	180°, 26%, 36%
XYZ	8.1428, 9.6559, 11.5598
YIQ	84.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

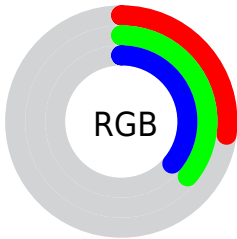
Format	Color
RYB	68, 80, 92
Decimal	4480092
CIELab	37.22, -8.97, -2.95
CIELCh	37, 9.440, 198.195
Yxy	9.6559, 0.2774, 0.3289
Android (android.graphics.Color)	4282670172 (0xFF445C5C)
YUV	84.8240, 3.5378, -14.7546
Hunter-Lab	31.0740, -7.6044, -0.3046

Details

The Android color `4282670172` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284236868`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285894286`, and `4279709230` is the 20% darker color. If you saturate the color by 10%, you get `4282080348`, and if you desaturate by 10%, it is `4283259996`.

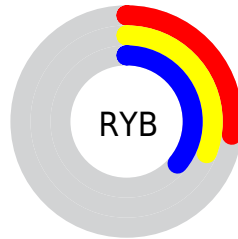
Distribution



Red (27%)

Green (36%)

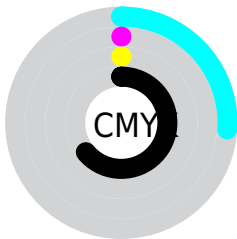
Blue (36%)



Red (27%)

Yellow (31%)

Blue (36%)

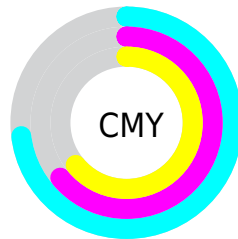


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282670172 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 4282670172 by changing the saturation by 10% instead.



4282670172



4282670172

4294967295



4281156677



4285894286



4279709230



4287605161



4278196762



4289316036



4278190080



4291158240



4293000700

4294901759



4282670172



4282670172



4282080348



4283259996

■ 4281490524

■ 4283849820

■ 4280835164

■ 4284505180

■ 4280245340

■ 4285095004

■ 4279655516

■ 4285684828

■ 4279065692

■ 4286274652

■ 4278475868

■ 4286864476

■ 4278213724

■ 4287519836

■ 4288109660

Harmonies

Analogous

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



4282932308



4282670172



4282735459

Triad

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



4282670172



4284437602



4284569161

Complementary

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



4282670172



4284236868

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.



4284896333



4282670172



4284830555

Square

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



4282670172



4283783014



4285026899



4284045641

Rectangle

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



4282670172



4282997349



4285026899



4284699978

Sweetspot

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



4282670172



4285429880



4282670148



4281810237



4290624957



4282203453

Same Dimension

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



4282670172



4283660408



4282667100



4280888878



4278218350



4278250989

Inverse Universe

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



4284236892



4286075768



4284239940



4281215278



4285399150



4293722349

Previews

White Background



This preview shows how the Android color 4282670172 looks on a white background.

Color Contrast Check

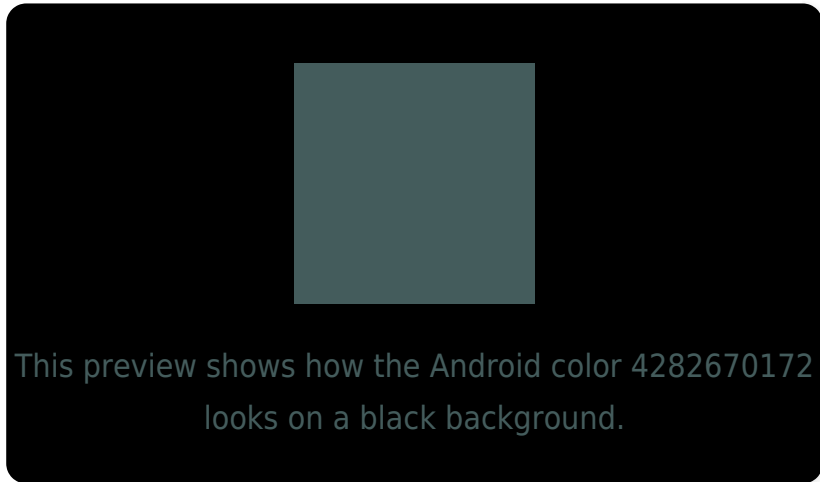
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4282670172 Background



This preview shows how black text looks on a background with the Android color 4282670172.



This preview shows how white text looks on a background with the Android color 4282670172.

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
4282670172

Protanopia
4283979609

Deuteranopia
4284306781

Trichromacy



Original Color

4282670172

Protanomaly

4283521370

Deuteranomaly

4283717725

Tritanomaly

4282735456

Monochromacy



Original Color

4282670172

Achromatopsia

4283782485

Achromatomaly

4283390040

CSS Examples

Text

The CSS property to change the color of the text to Android 4282670172 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(68, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(68, 92, 92)  
}
```

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(68, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 92, 92) }
```

Border

The CSS property to change the border of an element to Android 4282670172 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(68, 92, 92) }
```

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

```
.border{ border-color:rgb(68, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(68, 92, 92)  
}
```

Background

The CSS property to change the background color of an element to Android 4282670172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 92, 92) }
```

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

```
.background{ background-color: rgb(68, 92,  
92) }
```

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