

Converting Colors

Android(4282742933)

Have a look what the booklet for
Android(4282742933) contains.

Android(4282742933)	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(4282742933)

Conversions

Conversions Part 1

Format	Color
Hex	457895
RGB	69, 120, 149
RGB Percent	27%, 47%, 58%
CMY	0.7294, 0.5294, 0.4157
CMYK	0.54, 0.19, 0.00, 0.42
HSL	202°, 37%, 43%
HSV	202°, 54%, 58%
XYZ	14.5955, 16.8681, 30.9204
YIQ	108.0570, -39.7050, -1.7930

Conversions

Conversions Part 2

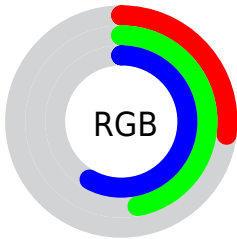
Format	Color
R _Y B	69, 100, 149
Decimal	4552853
CIE _{Lab}	48.09, -8.51, -20.95
CIE _{LCh}	48, 22.617, 247.887
Y _{xy}	16.8681, 0.2340, 0.2704
Android (android.graphics.Color)	4282742933 (0xFF457895)
Y _{UV}	108.0570, 20.1849, -34.2530
Hunter-Lab	41.0708, -8.4394, -15.8873

Details

The Android color `4282742933` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287980101`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286295243`, and `4278470754` is the 20% darker color. If you saturate the color by 10%, you get `4281758613`, and if you desaturate by 10%, it is `4283727253`.

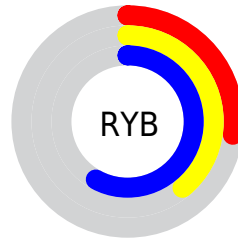
Distribution



 Red (27%)

 Green (47%)

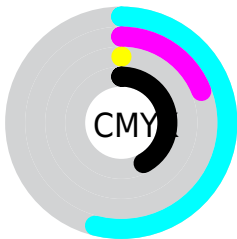
 Blue (58%)




 Red (27%)

 Yellow (39%)

 Blue (58%)

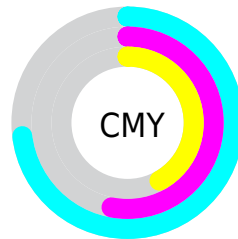


 Cyan (54%)


 Magenta (19%)

 Yellow (0%)

 Black (42%)



 Cyan (73%)

 Magenta (53%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282742933 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 4282742933 by changing the saturation by 10% instead.



4282742933



4282742933

4294967295



4280901499



4286295243



4278470754



4288071911



4278202698



4289914111



4278197555



4291756031



4278190622



4293656575



4278190081



4278190080



4282742933



4282742933



4281758613



4283727253

■ 4280774037

■ 4284711829

■ 4279789717

■ 4285696149

■ 4278805141

■ 4286680725

■ 4278214549

■ 4287665045

■ 4288583829

■ 4289568405

■ 4290552725

■ 4291537301

Harmonies

Analogous

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



4281695369



4282742933



4284576408

Triad

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



4282742933



4288177262



4284905556

Complementary

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



4282742933



4287980101

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.



4286280524



4282742933



4288046684

Square

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



4282742933



4287587969



4287392847



4283399011

Rectangle

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



4282742933



4285755028



4287392847



4285363792

Sweetspot

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



4282742933



4288919490



4282750305



4283325025



4292927712



4284572001

Same Dimension

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



4282742933



4282815938



4282732949



4282599242



4278212746



4278191882

Inverse Universe

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



4287972728



4290922133



4287990085



4283056967



4287234136



4278845447

Previews

White Background



This preview shows how the Android color 4282742933 looks on a white background.

Color Contrast Check

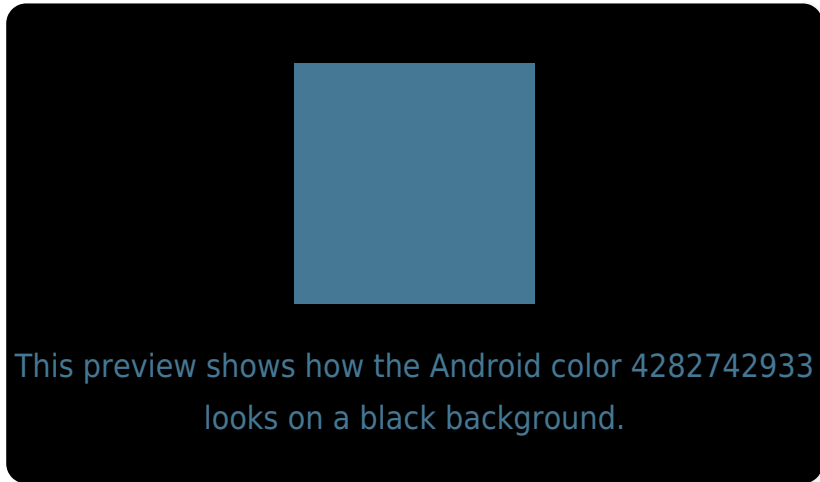
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282742933 Background



This preview shows how black text looks on a background with the Android color 4282742933.

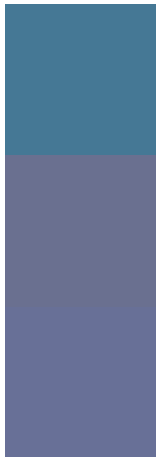


This preview shows how white text looks on a background with the Android color 4282742933.

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
4282742933

Protanopia
4285165712

Deuteranopia
4285034647

Trichromacy



Original Color
4282742933

Protanomaly
4284314514

Deuteranomaly
4284183446

Tritanomaly
4282481291

Monochromacy



Original Color
4282742933

Achromatopsia
4285295724

Achromatomaly
4284379259

CSS Examples

Text

The CSS property to change the color of the text to Android 4282742933 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(69, 120, 149)` looks like.

```
.text, #text, p{  
    color:rgb(69, 120, 149)  
}
```

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(69, 120, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 120, 149) }
```

Border

The CSS property to change the border of an element to Android 4282742933 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(69, 120, 149) }
```

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

```
.border{ border-color:rgb(69, 120, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 120, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 120, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 120, 149);  
box-shadow:4px 4px 4px 4px rgb(69, 120,  
149) }
```

Background

The CSS property to change the background color of an element to Android 4282742933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 120, 149) }
```

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

```
.background{ background-color: rgb(69, 120,  
149) }
```

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