

Converting Colors

Android(4282546852)

Have a look what the booklet for
Android(4282546852) contains.

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Color

Android(4282546852)

Conversions

Conversions Part 1

Format	Color
Hex	427AA4
RGB	66, 122, 164
RGB Percent	26%, 48%, 64%
CMY	0.7412, 0.5216, 0.3569
CMYK	0.60, 0.26, 0.00, 0.36
HSL	206°, 43%, 45%
HSV	206°, 60%, 64%
XYZ	15.9071, 17.7577, 37.7111
YIQ	110.0440, -46.8580, 1.1900

Conversions

Conversions Part 2

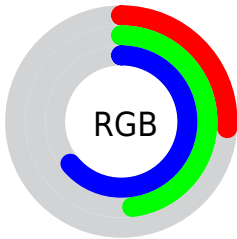
Format	Color
R _Y B	66, 102, 164
Decimal	4356772
CIE Lab	49.20, -5.50, -28.04
CIE LCh	49, 28.572, 258.910
Yxy	17.7577, 0.2229, 0.2488
Android (android.graphics.Color)	4282546852 (0xFF427AA4)
YUV	110.0440, 26.6003, -38.6266
Hunter-Lab	42.1398, -6.3637, -23.5610

Details

The Android color `4282546852` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288965698`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286230235`, and `4278209136` is the 20% darker color. If you saturate the color by 10%, you get `4281496484`, and if you desaturate by 10%, it is `4283597220`.

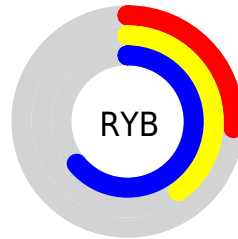
Distribution



Red (26%)

Green (48%)

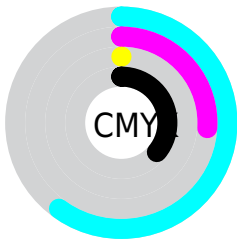
Blue (64%)



Red (26%)

Yellow (40%)

Blue (64%)

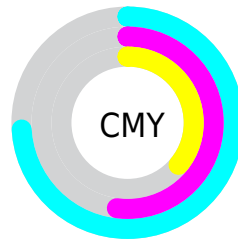


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282546852 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 4282546852 by changing the saturation by 10% instead.



4282546852



4282546852

4294967295



4280508810



4286230235



4278209136



4288072440



4278203223



4289914623



4278197824



4291821567



4278190890



4293722111



4278190356



4278190080



4282546852



4282546852



4281496484



4283597220

■ 4280380580

■ 4284713124

■ 4279330212

■ 4285763492

■ 4278214308

■ 4286879396

■ 4287929764

■ 4288980132

■ 4290096036

■ 4291146404

■ 4292262308

Harmonies

Analogous

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



4279730073



4282546852



4285231779

Triad

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



4282546852



4288963430



4284120660

Complementary

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



4282546852



4288965698

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.



4285888582



4282546852



4288571473

Square

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



4282546852



4288570239



4287459397



4282089835

Rectangle

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



4282546852



4286672027



4287459397



4284709966

Sweetspot

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



4282546852



4289775318



4282557547



4283720043



4293651435



4285229931

Same Dimension

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



4282546852



4282160342



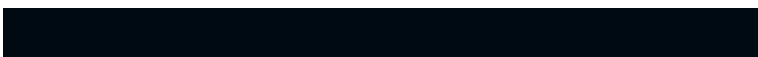
4282534564



4282994258



4278211473



4278192658

Inverse Universe

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



4288955002



4292230292



4288977986



4283582798



4287692883



4279369738

Previews

White Background



This preview shows how the Android color 4282546852 looks on a white background.

Color Contrast Check

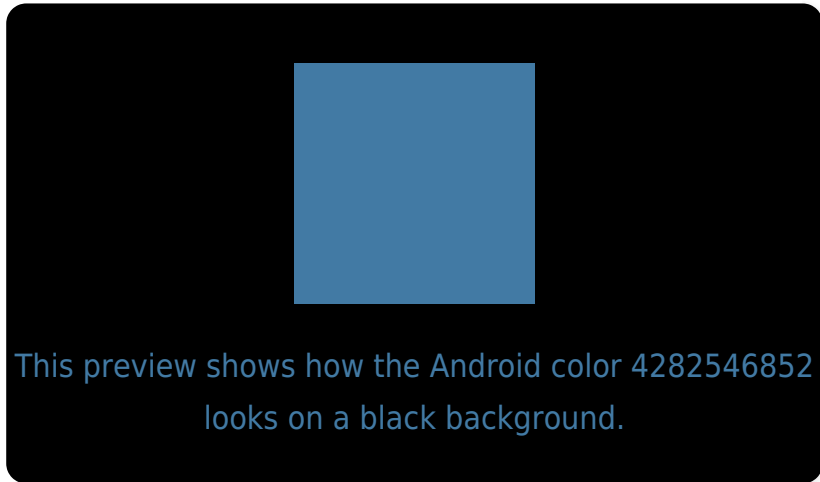
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4282546852 Background



This preview shows how black text looks on a background with the Android color 4282546852.

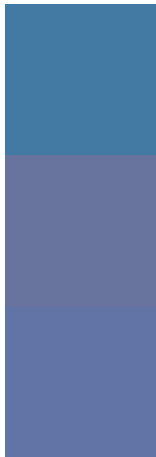


This preview shows how white text looks on a background with the Android color 4282546852.

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
4282546852

Protanopia
4285035422

Deuteranopia
4284642214

Trichromacy



Original Color
4282546852

Protanomaly
4284118688

Deuteranomaly
4283856549

Tritanomaly
4282023315

Monochromacy



Original Color
4282546852

Achromatopsia
4285427310

Achromatomaly
4284379778

CSS Examples

Text

The CSS property to change the color of the text to Android 4282546852 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(66, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(66, 122, 164)  
}
```

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(66, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 122, 164) }
```

Border

The CSS property to change the border of an element to Android 4282546852 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(66, 122, 164) }
```

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

```
.border{ border-color:rgb(66, 122, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 122, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 122, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 122, 164);  
box-shadow:4px 4px 4px 4px rgb(66, 122,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4282546852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 122, 164) }
```

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

```
.background{ background-color: rgb(66, 122,  
164) }
```

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](#).

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