

Converting Colors

Android(4281890733)

Have a look what the booklet for
Android(4281890733) contains.

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Color

Android(4281890733)

Conversions

Conversions Part 1

Format	Color
Hex	3877AD
RGB	56, 119, 173
RGB Percent	22%, 47%, 68%
CMY	0.7804, 0.5333, 0.3216
CMYK	0.68, 0.31, 0.00, 0.32
HSL	208°, 51%, 45%
HSV	208°, 68%, 68%
XYZ	15.7705, 17.0515, 41.9952
YIQ	106.3190, -54.8820, 3.4380

Conversions

Conversions Part 2

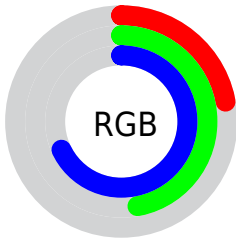
Format	Color
R _{YB}	56, 97, 173
Decimal	3700653
CIE Lab	48.32, -2.51, -34.68
CIE LCh	48, 34.769, 265.858
Yxy	17.0515, 0.2108, 0.2279
Android (android.graphics.Color)	4281890733 (0xFF3877AD)
YUV	106.3190, 32.8737, -44.1298
Hunter-Lab	41.2935, -4.0921, -31.3921

Details

The Android color `4281890733` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289556024`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4285770725`, and `4278208376` is the 20% darker color. If you saturate the color by 10%, you get `4280774573`, and if you desaturate by 10%, it is `4283006893`.

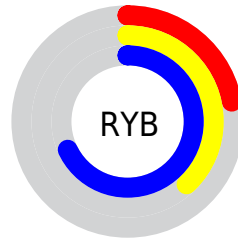
Distribution



Red (22%)

Green (47%)

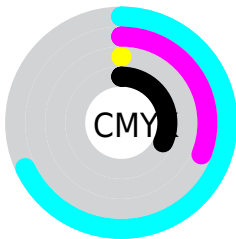
Blue (68%)



Red (22%)

Yellow (38%)

Blue (68%)

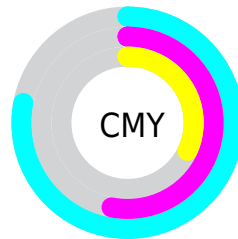


Cyan (68%)

Magenta (31%)

Yellow (0%)

Black (32%)



Cyan (78%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281890733 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 4281890733 by changing the saturation by 10% instead.

■ 4281890733

■ 4281890733

4294967295

■ 4279197330

■ 4285770725

■ 4278208376

■ 4287678207

■ 4278202719

■ 4289520383

■ 4278197319

■ 4291428351

■ 4278191152

■ 4293394431

■ 4278190363

■ 4278190080

■ 4281890733

■ 4281890733

■ 4280774573

■ 4283006893

■ 4279592877

■ 4284188589

■ 4278476717

■ 4285304749

■ 4278214061

■ 4286420909

■ 4287537069

■ 4288718765

■ 4289834925

■ 4290951085

■ 4292132781

Harmonies

Analogous

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



4278222499



4281890733



4285492648

Triad

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



4281890733



4289355099



4282941265

Complementary

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



4281890733



4289556024

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.



4285233468



4281890733



4288636227

Square

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



4281890733



4289158008



4287131703



4278944366

Rectangle

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



4281890733



4287194524



4287131703



4283727177

Sweetspot

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



4281890733



4290039008



4281904493



4283786352



4293980400



4285558896

Same Dimension

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



4281890733



4281044448



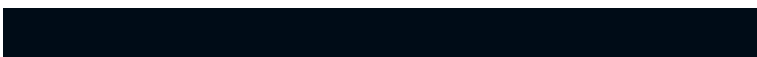
4281876141



4283323223



4278210966



4278193175

Inverse Universe

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



4289542263



4292881293



4289570616



4283911763



4288020561



4279697420

Previews

White Background



This preview shows how the Android color 4281890733 looks on a white background.

Color Contrast Check

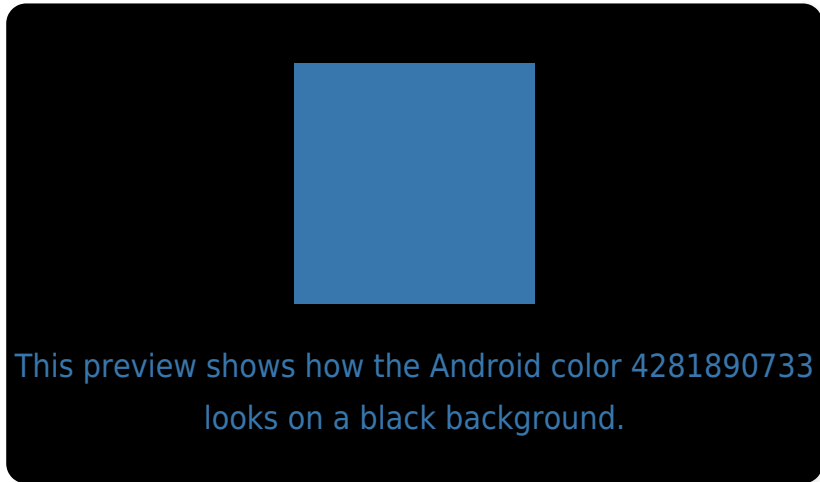
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281890733 Background



This preview shows how black text looks on a background with the Android color 4281890733.

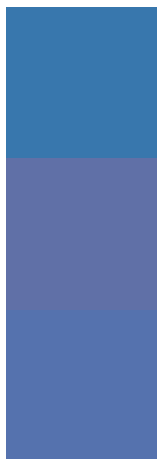


This preview shows how white text looks on a background with the Android color 4281890733.

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

4281890733

Protanopia

4284510375

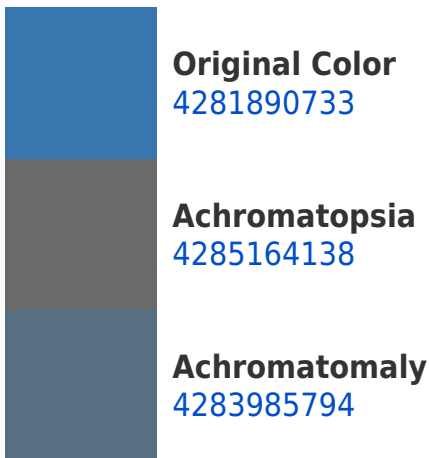
Deuteranopia

4283789998

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281890733 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(56, 119, 173)` looks like.

```
.text, #text, p{  
    color:rgb(56, 119, 173)  
}
```

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(56, 119, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 119, 173) }
```

Border

The CSS property to change the border of an element to Android 4281890733 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(56, 119, 173) }
```

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

```
.border{ border-color:rgb(56, 119, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 119, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 119, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 119, 173);  
box-shadow:4px 4px 4px 4px rgb(56, 119,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4281890733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 119, 173) }
```

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

```
.background{ background-color: rgb(56, 119,  
173) }
```

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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