

Converting Colors

Android(4284580770)

Have a look what the booklet for
Android(4284580770) contains.

Android(4284580770)	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(4284580770)

Conversions

Conversions Part 1

Format	Color
Hex	6183A2
RGB	97, 131, 162
RGB Percent	38%, 51%, 64%
CMY	0.6196, 0.4863, 0.3647
CMYK	0.40, 0.19, 0.00, 0.36
HSL	209°, 26%, 51%
HSV	209°, 40%, 64%
XYZ	19.5677, 21.3826, 37.2784
YIQ	124.3680, -30.2150, 2.4330

Conversions

Conversions Part 2

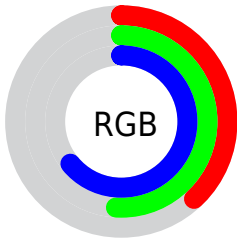
Format	Color
R_{YB}	97, 119, 162
Decimal	6390690
CIE _{Lab}	53.37, -3.75, -20.32
CIE _{LCh}	53, 20.662, 259.533
Yxy	21.3826, 0.2501, 0.2733
Android (android.graphics.Color)	4284580770 (0xFF6183A2)
YUV	124.3680, 18.5526, -24.0017
Hunter-Lab	46.2413, -5.3877, -15.4288

Details

The Android color `4284580770` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4288839777`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4288067801`, and `4281225838` is the 20% darker color. If you saturate the color by 10%, you get `4283530146`, and if you desaturate by 10%, it is `4285631394`.

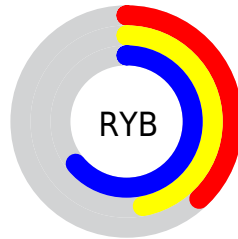
Distribution



Red (38%)

Green (51%)

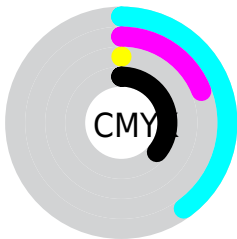
Blue (64%)



Red (38%)

Yellow (47%)

Blue (64%)

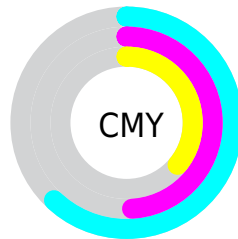


Cyan (40%)

Magenta (19%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284580770 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 4284580770 by changing the saturation by 10% instead.

■ 4284580770

■ 4284580770

4294967295

■ 4282870408

■ 4288067801

■ 4281225838

■ 4289844469

■ 4279384918

■ 4291686655

■ 4278199614

■ 4293591039

■ 4278194216

■ 4278190355

■ 4278190080

■ 4284580770

■ 4284580770

■ 4283530146

■ 4285631394

■ 4282479778

■ 4286681762

■ 4281363618

■ 4287797922

■ 4280312994

■ 4288848546

■ 4279262370

■ 4289899170

■ 4278212002

■ 4290949538

■ 4292000162

■ 4293116322

■ 4294166946

Harmonies

Analogous

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



4283336602



4284580770



4286217633

Triad

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



4284580770



4288967540



4285302632

Complementary

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



4284580770



4288839777

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.



4286612062



4284580770



4288640613

Square

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



4284580770



4288639878



4287790173



4284057976

Rectangle

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



4284580770



4287199643



4287790173



4285760868

Sweetspot

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



4284580770



4290431188



4284588671



4284245099



4293651435



4285229931

Same Dimension

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



4284580770



4285440980



4284572578



4282994258



4278209681



4278192402

Inverse Universe

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



4288831875



4292112035



4288847969



4283582798



4287692876



4279369737

Previews

White Background



This preview shows how the Android color 4284580770 looks on a white background.

Color Contrast Check

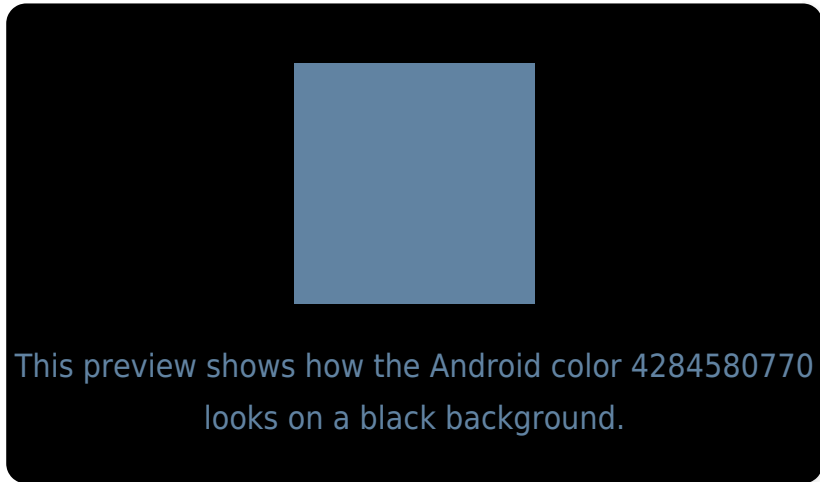
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

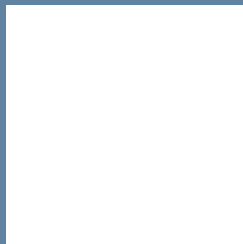
Any Text WCAG AAA × Fail

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

Android 4284580770 Background



This preview shows how black text looks on a background with the Android color 4284580770.

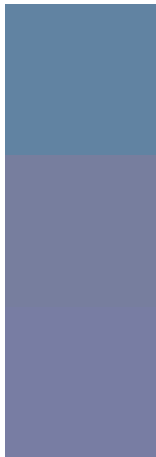


This preview shows how white text looks on a background with the Android color 4284580770.

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
4284580770

Protanopia
4286021278

Deuteranopia
4286086563

Trichromacy



Original Color
4284580770

Protanomaly
4285497503

Deuteranomaly
4285562787

Tritanomaly
4284384663

Monochromacy



Original Color
4284580770

Achromatopsia
4286348412

Achromatomaly
4285693834

CSS Examples

Text

The CSS property to change the color of the text to Android 4284580770 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(97, 131, 162)` looks like.

```
.text, #text, p{  
    color:rgb(97, 131, 162)  
}
```

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(97, 131, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 131, 162) }
```

Border

The CSS property to change the border of an element to Android 4284580770 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(97, 131, 162) }
```

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

```
.border{ border-color:rgb(97, 131, 162) }
```

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

Here you see how a box with a 4 pixel rgb(97, 131, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 131, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 131, 162);  
box-shadow:4px 4px 4px 4px rgb(97, 131,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4284580770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 131, 162) }
```

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

```
.background{ background-color: rgb(97, 131,  
162) }
```

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