

Converting Colors

Android(4280579730)

Have a look what the booklet for
Android(4280579730) contains.

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Color

Android(4280579730)

Conversions

Conversions Part 1

Format	Color
Hex	247692
RGB	36, 118, 146
RGB Percent	14%, 46%, 57%
CMY	0.8588, 0.5373, 0.4275
CMYK	0.75, 0.19, 0.00, 0.43
HSL	195°, 60%, 36%
HSV	195°, 75%, 57%
XYZ	12.3943, 15.4073, 29.5148
YIQ	96.6740, -57.8600, -8.6760

Conversions

Conversions Part 2

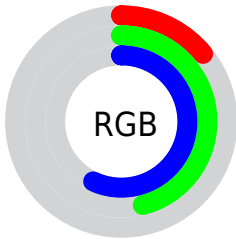
Format	Color
R_{YB}	36, 83, 146
Decimal	2389650
CIE _{Lab}	46.19, -14.50, -22.22
CIE _{LCh}	46, 26.529, 236.875
Yxy	15.4073, 0.2162, 0.2688
Android (android.graphics.Color)	4280579730 (0xFF247692)
YUV	96.6740, 24.3177, -53.2111
Hunter-Lab	39.2521, -12.3277, -17.1054

Details

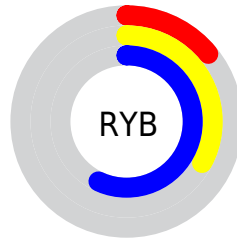
The Android color `4280579730` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287774756`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284590792`, and `4278208095` is the 20% darker color. If you saturate the color by 10%, you get `4279595666`, and if you desaturate by 10%, it is `4281563794`.

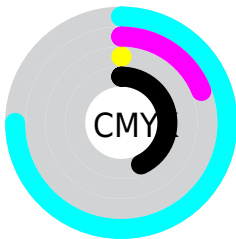
Distribution



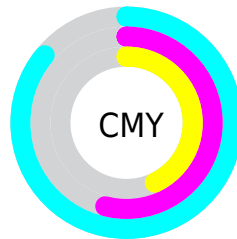
- Red (14%)
- Green (46%)
- Blue (57%)



- Red (14%)
- Yellow (33%)
- Blue (57%)



- Cyan (75%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (86%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280579730 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 4280579730 by changing the saturation by 10% instead.

 4280579730

 4280579730

4294967295

 4278214008

 4284590792

 4278208095

 4286498532

 4278202184

 4288340735

 4278197041

 4290248447

 4278190620

 4292149247


 4278190080

 4294049791

 4280579730

 4280579730

 4279595666

 4281563794

■ 4278677394

■ 4282482066

■ 4278218130

■ 4283466130

■ 4284384658

■ 4285368722

■ 4286352530

■ 4287271058

■ 4288255122

■ 4289173394

Harmonies

Analogous

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



4279662977



4280579730



4283068569

Triad

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



4280579730



4288044145



4285035077

Complementary

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



4280579730



4287774756

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.



4286475073



4280579730



4288175706

Square

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



4280579730



4287062406



4287652937



4283266900

Rectangle

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



4280579730



4284640152



4287652937



4285558850

Sweetspot

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



4280579730



4287738557



4280586815



4282669150



4292796126



4284374622

Same Dimension

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



4280579730



4279472573



4280565650



4282599498



4278216586



4278192138

Inverse Universe

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



4287767670



4290581393



4287788580



4283056968



4287234151



4278845448

Previews

White Background



This preview shows how the Android color 4280579730 looks on a white background.

Color Contrast Check

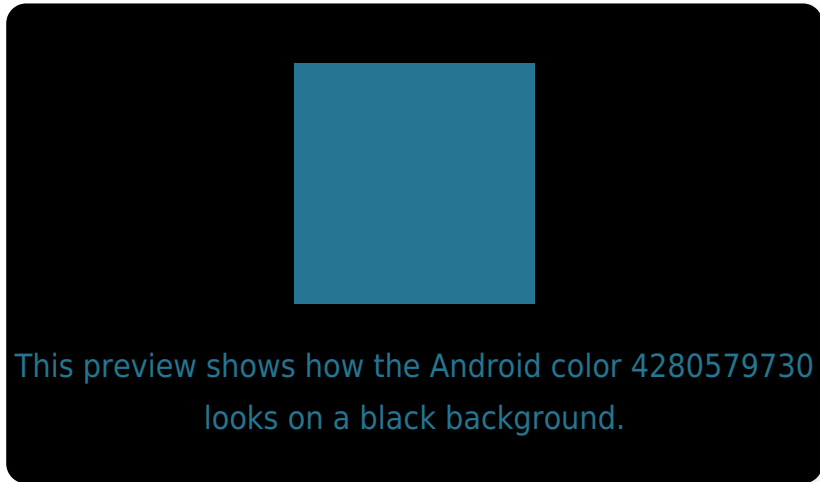
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280579730 Background



This preview shows how black text looks on a background with the Android color 4280579730.

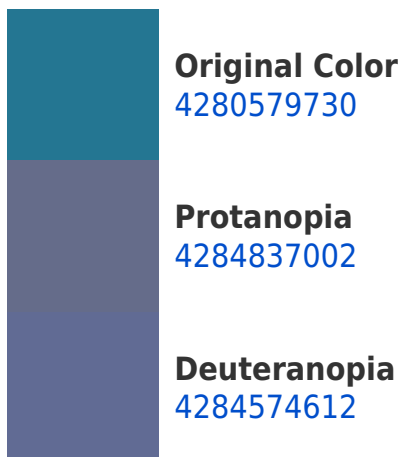


This preview shows how white text looks on a background with the Android color 4280579730.

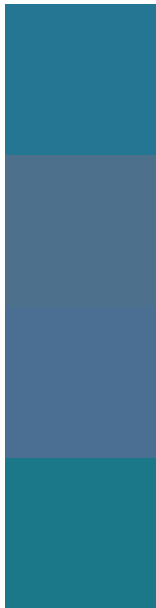
Color Blindness Simulation

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



Trichromacy



Original Color
4280579730

Protanomaly
4283265165

Deuteranomaly
4283133843

Tritanomaly
4279924872

Monochromacy



Original Color
4280579730

Achromatopsia
4284572001

Achromatomaly
4283132275

CSS Examples

Text

The CSS property to change the color of the text to Android 4280579730 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(36, 118, 146)` looks like.

```
.text, #text, p{  
    color:rgb(36, 118, 146)  
}
```

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(36, 118, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 118, 146) }
```

Border

The CSS property to change the border of an element to Android 4280579730 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(36, 118, 146) }
```

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

```
.border{ border-color:rgb(36, 118, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 118, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 118, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 118, 146);  
box-shadow:4px 4px 4px 4px rgb(36, 118,  
146) }
```

Background

The CSS property to change the background color of an element to Android 4280579730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 118, 146) }
```

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

```
.background{ background-color: rgb(36, 118,  
146) }
```

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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