

Converting Colors

Android(4280584130)

Have a look what the booklet for
Android(4280584130) contains.

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Color

Android(4280584130)

Conversions

Conversions Part 1

Format	Color
Hex	2487C2
RGB	36, 135, 194
RGB Percent	14%, 53%, 76%
CMY	0.8588, 0.4706, 0.2392
CMYK	0.81, 0.30, 0.00, 0.24
HSL	202°, 69%, 45%
HSV	202°, 81%, 76%
XYZ	19.1291, 21.5981, 54.1996
YIQ	112.1250, -77.9430, -2.6390

Conversions

Conversions Part 2

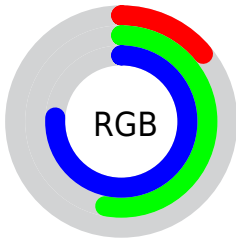
Format	Color
RYB	36, 97, 194
Decimal	2394050
CIELab	53.60, -6.98, -38.51
CIELCh	54, 39.135, 259.731
Yxy	21.5981, 0.2015, 0.2275
Android (android.graphics.Color)	4280584130 (0xFF2487C2)
YUV	112.1250, 40.3644, -66.7616
Hunter-Lab	46.4737, -7.8563, -36.6149

Details

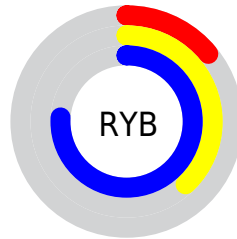
The Android color `4280584130` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `4290928420`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285250811`, and `4278212236` is the 20% darker color. If you saturate the color by 10%, you get `4279337154`, and if you desaturate by 10%, it is `4281831106`.

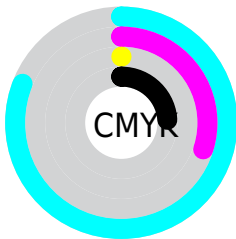
Distribution



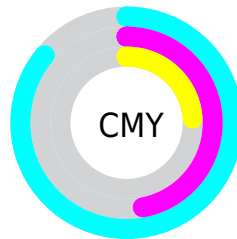
- Red (14%)
- Green (53%)
- Blue (76%)



- Red (14%)
- Yellow (38%)
- Blue (76%)



- Cyan (81%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280584130 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 4280584130 by changing the saturation by 10% instead.

 4280584130

 4280584130

4294967295

 4278218407

 4285250811

 4278212236

 4287289599

 4278206322

 4289262847

 4278200665

 4291166207

 4278195522

 4293197823

 4278190891

 4278190357

 4278190080

 4280584130

 4280584130

■ 4279337154

■ 4281831106

■ 4278221506

■ 4283143618

■ 4284390850

■ 4285703362

■ 4286950338

■ 4288197314

■ 4289510082

■ 4290757058

■ 4292069570

Harmonies

Analogous

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



4278226611



4280584130



4285562047

Triad

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



4280584130



4290798955



4283927891

Complementary

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



4280584130



4290928420

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.



4286481726



4280584130



4290145870

Square

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



4280584130



4290340237



4288576061



4279931251

Rectangle

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



4280584130



4287722420



4288576061



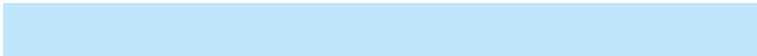
4284844618

Sweetspot

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



4280584130



4290832124



4280599134



4284183168



4278190080



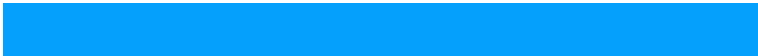
4286611584

Same Dimension

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



4280584130



4278558972



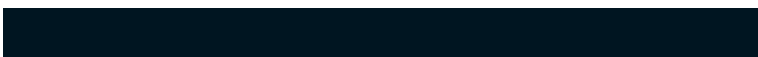
4280564162



4283915617



4278216097



4278195489

Inverse Universe

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



4290913415



4294706592



4290948388



4284569437



4288741477



4280352789

Previews

White Background



This preview shows how the Android color 4280584130 looks on a white background.

Color Contrast Check

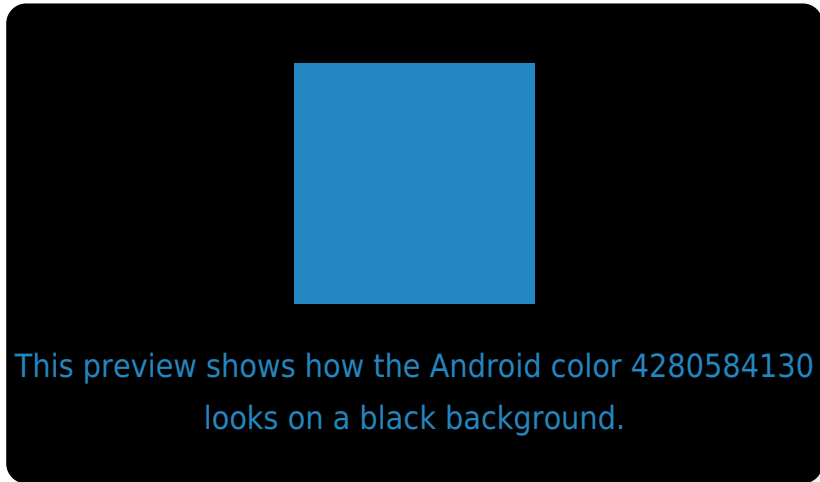
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280584130 Background



This preview shows how black text looks on a background with the Android color 4280584130.



This preview shows how white text looks on a background with the Android color 4280584130.

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
4280584130

Protanomaly
4283531709

Deuteranomaly
4282942147

Tritanomaly
4279077799

Monochromacy



Original Color
4280584130

Achromatopsia
4285558896

Achromatomaly
4283725966

CSS Examples

Text

The CSS property to change the color of the text to Android 4280584130 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, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(36, 135, 194)  
}
```

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, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 135, 194) }
```

Border

The CSS property to change the border of an element to Android 4280584130 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, 135, 194) }
```

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

```
.border{ border-color:rgb(36, 135, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 135, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(36, 135,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4280584130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 135, 194) }
```

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

```
.background{ background-color: rgb(36, 135,  
194) }
```

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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