

Converting Colors

Android(4280584934)

Have a look what the booklet for
Android(4280584934) contains.

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Color

Android(4280584934)

Conversions

Conversions Part 1

Format	Color
Hex	248AE6
RGB	36, 138, 230
RGB Percent	14%, 54%, 90%
CMY	0.8588, 0.4588, 0.0980
CMYK	0.84, 0.40, 0.00, 0.10
HSL	208°, 80%, 52%
HSV	208°, 84%, 90%
XYZ	24.0990, 24.2652, 78.2764
YIQ	117.9900, -90.3240, 6.9880

Conversions

Conversions Part 2

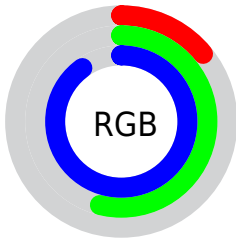
Format	Color
R _Y B	36, 103, 230
Decimal	2394854
CIE Lab	56.35, 4.60, -54.42
CIE LCh	56, 54.614, 274.831
Yxy	24.2652, 0.1903, 0.1916
Android (android.graphics.Color)	4280584934 (0xFF248AE6)
YUV	117.9900, 55.2209, -71.9052
Hunter-Lab	49.2597, 1.1217, -59.7333

Details

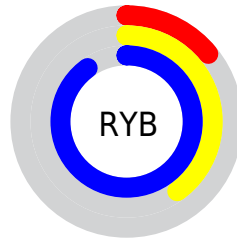
The Android color `4280584934` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293296164`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4285775871`, and `4278213038` is the 20% darker color. If you saturate the color by 10%, you get `4279074790`, and if you desaturate by 10%, it is `4282095078`.

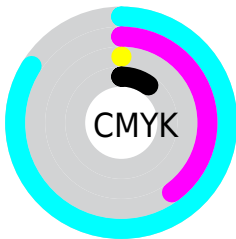
Distribution



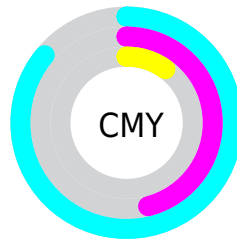
- Red (14%)
- Green (54%)
- Blue (90%)



- Red (14%)
- Yellow (40%)
- Blue (90%)



- Cyan (84%)
- Magenta (40%)
- Yellow (0%)
- Black (10%)



- Cyan (86%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280584934 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 4280584934 by changing the saturation by 10% instead.

 4280584934

 4280584934

4294967295

 4278219210

 4285775871


 4278213038

 4287880191

 4278207123

 4289918975

 4278201720

 4291952639

 4278196831

 4293984255

 4278192199

 4278191151

 4278190362

 4278190080

■ 4280584934

■ 4280584934

■ 4279074790

■ 4282095078

■ 4278221286

■ 4283605222

■ 4285115366

■ 4286625510

■ 4288135654

■ 4289645542

■ 4291155686

■ 4292665830

■ 4294175974

Harmonies

Analogous

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



4278228957



4280584934



4287854550

Triad

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



4280584934



4292371283



4278491997

Complementary

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



4280584934



4293296164

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.



4285043763



4280584934



4290803247

Square

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



4280584934



4292696705



4288251678



4278230670

Rectangle

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



4280584934



4290341567



4288251678



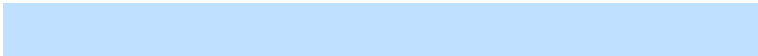
4282030414

Sweetspot

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



4280584934



4290765311



4280608383



4284050816



4278190080



4286611584

Same Dimension

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



4280584934



4278224639



4280560358



4284968307



4278214323



4278197043

Inverse Universe

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



4293272714



4294901894



4293320740



4285753197



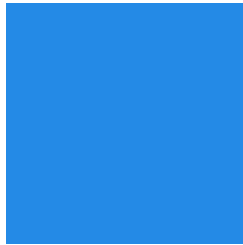
4289921118



4281532443

Previews

White Background



This preview shows how the Android color 4280584934 looks on a white background.

Color Contrast Check

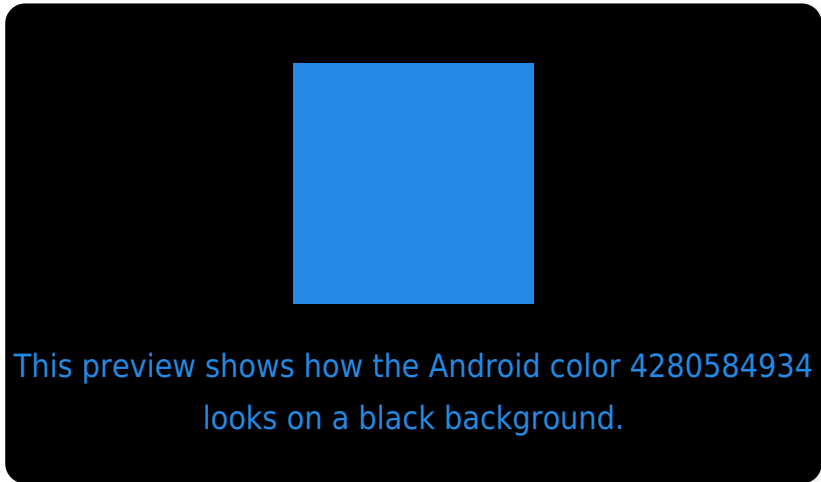
Large Text (above 18pt) WCAG AA ✓ Pass

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

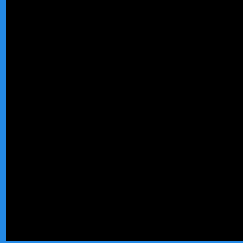
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

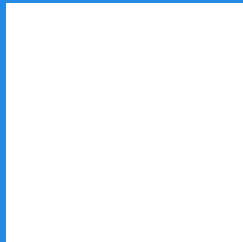
Any Text WCAG AAA × Fail

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

Android 4280584934 Background



This preview shows how black text looks on a background with the Android color 4280584934.



This preview shows how white text looks on a background with the Android color 4280584934.

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





Tritanopia
4278228384

Trichromacy



Original Color
4280584934

Protanomaly
4283074274

Deuteranomaly
4281633255

Tritanomaly
4279079353

Monochromacy



Original Color
4280584934

Achromatopsia
4285953654

Achromatomaly
4283989407

CSS Examples

Text

The CSS property to change the color of the text to Android 4280584934 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, 138, 230)` looks like.

```
.text, #text, p{  
    color:rgb(36, 138, 230)  
}
```

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, 138, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 138, 230) }
```

Border

The CSS property to change the border of an element to Android 4280584934 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, 138, 230) }
```

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

```
.border{ border-color:rgb(36, 138, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 138, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 138, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 138, 230);  
box-shadow:4px 4px 4px 4px rgb(36, 138,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4280584934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 138, 230) }
```

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

```
.background{ background-color: rgb(36, 138,  
230) }
```

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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