

Converting Colors

Android(4282676934)

Have a look what the booklet for
Android(4282676934) contains.

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Color

Android(4282676934)

Conversions

Conversions Part 1

Format	Color
Hex	4476C6
RGB	68, 118, 198
RGB Percent	27%, 46%, 78%
CMY	0.7333, 0.5373, 0.2235
CMYK	0.66, 0.40, 0.00, 0.22
HSL	217°, 53%, 52%
HSV	217°, 66%, 78%
XYZ	19.0554, 18.2630, 55.9469
YIQ	112.1700, -55.4800, 14.2800

Conversions

Conversions Part 2

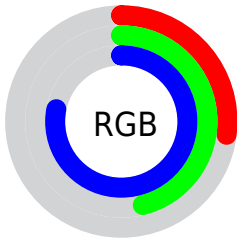
Format	Color
R _Y B	68, 104, 198
Decimal	4486854
CIE Lab	49.81, 8.96, -46.72
CIE LCh	50, 47.569, 280.854
Yxy	18.2630, 0.2043, 0.1958
Android (android.graphics.Color)	4282676934 (0xFF4476C6)
YUV	112.1700, 42.3142, -38.7371
Hunter-Lab	42.7353, 4.8053, -47.7048

Details

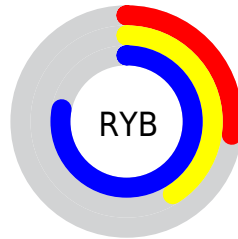
The Android color `4282676934` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `4291204164`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286622463`, and `4278208144` is the 20% darker color. If you saturate the color by 10%, you get `4281363142`, and if you desaturate by 10%, it is `4283990726`.

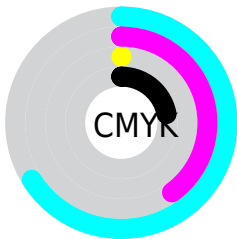
Distribution



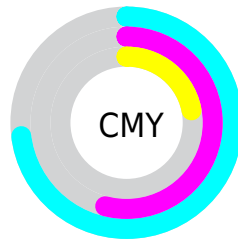
- Red (27%)
- Green (46%)
- Blue (78%)



- Red (27%)
- Yellow (41%)
- Blue (78%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (73%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282676934 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 4282676934 by changing the saturation by 10% instead.

 4282676934

 4282676934

4294967295

 4280245930

 4286622463

 4278208144

 4288529919

 4278202741

 4290503167

 4278197596

 4292410879

 4278190404

 4294377471

 4278190893

 4278190359

 4278190080

 4282676934

 4282676934

■ 4281363142

■ 4283990726

■ 4280049350

■ 4285304518

■ 4278800838

■ 4286553030

■ 4278209734

■ 4287866822

■ 4289180614

■ 4290494406

■ 4291808198

■ 4293056454

■ 4294370502

Harmonies

Analogous

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



4278223555



4282676934



4287391412

Triad

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



4282676934



4290337603



4278224986

Complementary

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



4282676934



4291204164

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.



4283597622



4282676934



4288768807

Square

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



4282676934



4290859369



4286478624



4278225540

Rectangle

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



4282676934



4289223583



4286478624



4280715085

Sweetspot

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



4282676934



4291617023



4282697362



4284575104



4278190080



4286611584

Same Dimension

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



4282676934



4281762815



4283516102



4284112227



4278206371



4278193700

Inverse Universe

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



4291183734



4294915715



4290364996



4284701277



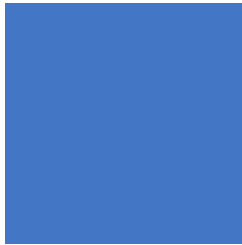
4288872511



4280549390

Previews

White Background



This preview shows how the Android color 4282676934 looks on a white background.

Color Contrast Check

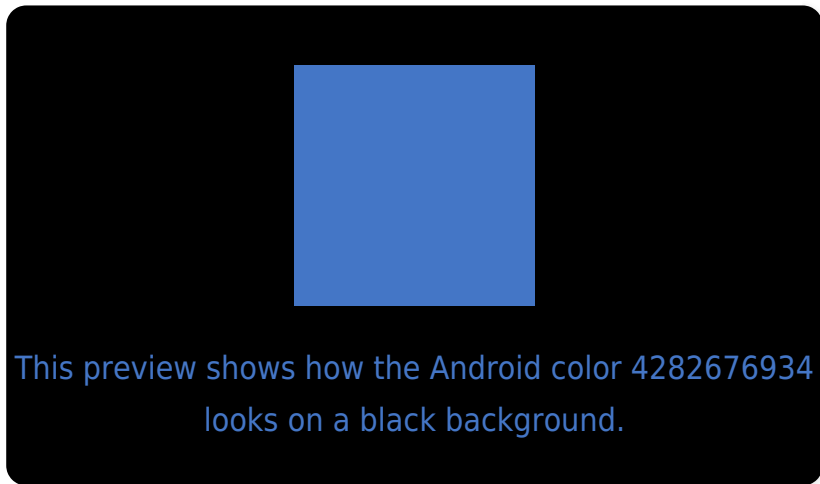
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4282676934 Background



This preview shows how black text looks on a background with the Android color 4282676934.



This preview shows how white text looks on a background with the Android color 4282676934.

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
4282676934

Protanopia
4283790275

Deuteranopia
4282349510

Trichromacy



Original Color
4282676934

Protanomaly
4283397316

Deuteranomaly
4282480582

Tritanomaly
4281171618

Monochromacy



Original Color
4282676934

Achromatopsia
4285558896

Achromatomaly
4284510863

CSS Examples

Text

The CSS property to change the color of the text to Android 4282676934 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(68, 118, 198)` looks like.

```
.text, #text, p{  
    color:rgb(68, 118, 198)  
}
```

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(68, 118, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 118, 198) }
```

Border

The CSS property to change the border of an element to Android 4282676934 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(68, 118, 198) }
```

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

```
.border{ border-color:rgb(68, 118, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 118, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 118, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 118, 198);  
box-shadow:4px 4px 4px 4px rgb(68, 118,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4282676934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 118, 198) }
```

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

```
.background{ background-color: rgb(68, 118,  
198) }
```

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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