

Converting Colors

Android(4280641926)

Have a look what the booklet for
Android(4280641926) contains.

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Color

Android(4280641926)

Conversions

Conversions Part 1

Format	Color
Hex	256986
RGB	37, 105, 134
RGB Percent	15%, 41%, 53%
CMY	0.8549, 0.5882, 0.4745
CMYK	0.72, 0.22, 0.00, 0.47
HSL	198°, 57%, 34%
HSV	198°, 72%, 53%
XYZ	10.1176, 12.2177, 24.3793
YIQ	87.9740, -49.8370, -5.3970

Conversions

Conversions Part 2

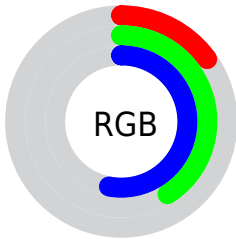
Format	Color
RYB	37, 77, 134
Decimal	2451846
CIELab	41.56, -11.14, -22.20
CIELCh	42, 24.842, 243.359
Yxy	12.2177, 0.2166, 0.2615
Android (android.graphics.Color)	4280641926 (0xFF256986)
YUV	87.9740, 22.6908, -44.7042
Hunter-Lab	34.9538, -9.5013, -16.8853




Details

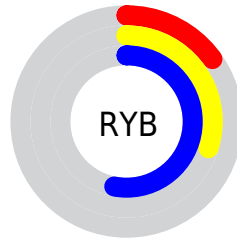
The Android color `4280641926` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286988837`, and the grayscale version is `4283979864`.




A 20% lighter version of the original color is `4284456123`, and `4278205012` is the 20% darker color. If you saturate the color by 10%, you get `4279788934`, and if you desaturate by 10%, it is `4281494918`.

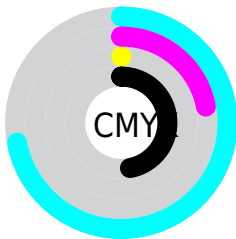
Distribution







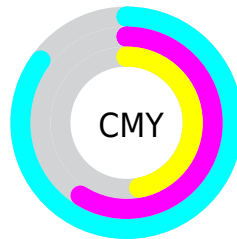
-  Red (15%)
-  Green (41%)
-  Blue (53%)






-  Red (15%)
-  Yellow (30%)
-  Blue (53%)



-  Cyan (72%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (59%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280641926 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 4280641926 by changing the saturation by 10% instead.



4280641926



4280641926

4294967295



4278210925



4284456123



4278205012



4286298071



4278199357



4288140276



4278193447



4289982463



4278190353



4291821567



4278190080



4293787647



4280641926



4280641926



4279788934



4281494918

■ 4278870406

■ 4282413446

■ 4278214278

■ 4283266438

■ 4284184966

■ 4285037958

■ 4285890950

■ 4286809478

■ 4287662470

■ 4288580998

Harmonies

Analogous

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



4279069816



4280641926



4282934155

Triad

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



4280641926



4287189600



4283983679

Complementary

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



4280641926



4286988837

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.



4285358649



4280641926



4287190093

Square

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



4280641926



4286469493



4286536254



4282346319

Rectangle

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



4280641926



4284374663



4286536254



4284442172

Sweetspot

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



4280641926



4287079085



4280649280



4282404951



4292269782



4283914071

Same Dimension

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



4280641926



4279730349



4280629894



4282138690



4278213506



4278190595

Inverse Universe

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



4286981481



4289533824



4287000869



4282530880



4286709851



4278386690

Previews

White Background



This preview shows how the Android color 4280641926 looks on a white background.

Color Contrast Check

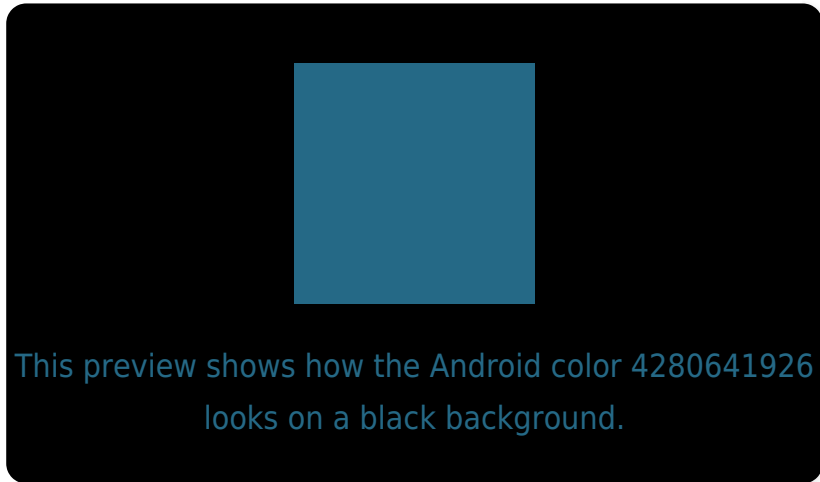
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280641926 Background



This preview shows how black text looks on a background with the Android color 4280641926.

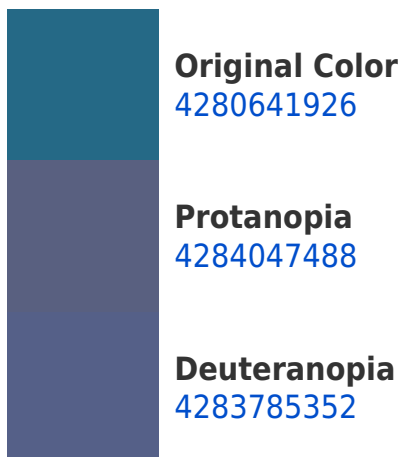


This preview shows how white text looks on a background with the Android color 4280641926.

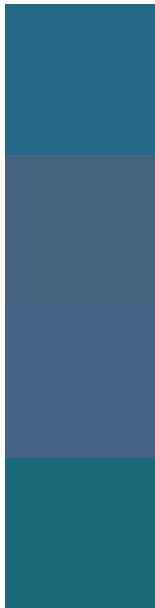
Color Blindness Simulation

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
4280641926

Protanomaly
4282803074

Deuteranomaly
4282672007

Tritanomaly
4280052603

Monochromacy



Original Color
4280641926

Achromatopsia
4283979864

Achromatomaly
4282736233

CSS Examples

Text

The CSS property to change the color of the text to Android 4280641926 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(37, 105, 134)` looks like.

```
.text, #text, p{  
    color:rgb(37, 105, 134)  
}
```

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(37, 105, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 105, 134) }
```

Border

The CSS property to change the border of an element to Android 4280641926 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(37, 105, 134) }
```

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

```
.border{ border-color:rgb(37, 105, 134) }
```

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

Here you see how a box with a 4 pixel rgb(37, 105, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 105, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 105, 134);  
box-shadow:4px 4px 4px 4px rgb(37, 105,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4280641926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 105, 134) }
```

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

```
.background{ background-color: rgb(37, 105,  
134) }
```

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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