

Converting Colors

Android(4280839826)

Have a look what the booklet for
Android(4280839826) contains.

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Color

Android(4280839826)

Conversions

Conversions Part 1

Format	Color
Hex	286E92
RGB	40, 110, 146
RGB Percent	16%, 43%, 57%
CMY	0.8431, 0.5686, 0.4275
CMYK	0.73, 0.25, 0.00, 0.43
HSL	200°, 57%, 36%
HSV	200°, 73%, 57%
XYZ	11.6393, 13.6783, 29.2208
YIQ	93.1740, -53.2760, -3.6440

Conversions

Conversions Part 2

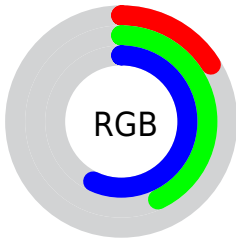
Format	Color
R_{YB}	40, 82, 146
Decimal	2649746
CIE _{Lab}	43.77, -9.33, -25.96
CIE _{LCh}	44, 27.582, 250.236
Yxy	13.6783, 0.2134, 0.2508
Android (android.graphics.Color)	4280839826 (0xFF286E92)
YUV	93.1740, 26.0432, -46.6336
Hunter-Lab	36.9842, -8.5465, -20.9555




Details

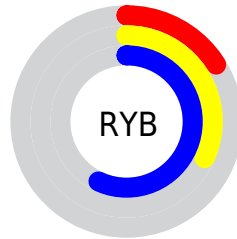
The Android color `4280839826` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287777832`, and the grayscale version is `4284308829`.




A 20% lighter version of the original color is `4284719816`, and `4278206303` is the 20% darker color. If you saturate the color by 10%, you get `4279855506`, and if you desaturate by 10%, it is `4281824146`.

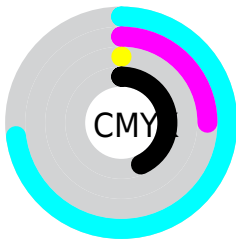
Distribution







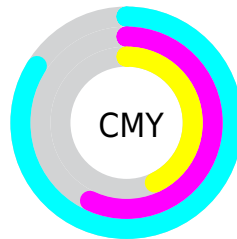
-  Red (16%)
-  Green (43%)
-  Blue (57%)






-  Red (16%)
-  Yellow (32%)
-  Blue (57%)



-  Cyan (73%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (84%)
-  Magenta (57%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280839826 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 4280839826 by changing the saturation by 10% instead.



4280839826



4280839826

4294967295



4278212216



4284719816



4278206303



4286561764



4278200647



4288469247



4278195505



4290311679



4278190363



4292214783



4278190080



4294115327



4280839826



4280839826



4279855506



4281824146

■ 4278936722

■ 4282742930

■ 4278214802

■ 4283727250

■ 4284646034

■ 4285630354

■ 4286614674

■ 4287533458

■ 4288517778

■ 4289436562

Harmonies

Analogous

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



4278219396



4280839826



4283656084

Triad

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



4280839826



4287911264



4283854660

Complementary

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



4280839826



4287777832

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.



4285491514



4280839826



4287650123

Square

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



4280839826



4287256695



4286800189



4281954903

Rectangle

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



4280839826



4285161871



4286800189



4284378431

Sweetspot

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



4280839826



4287868861



4280848971



4282799710



4292796126



4284374622

Same Dimension

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



4280839826



4279862717



4280826514



4282599242



4278213514



4278191882

Inverse Universe

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



4287768686



4290582917



4287791144



4283056967



4287234139



4278845447

Previews

White Background



This preview shows how the Android color 4280839826 looks on a white background.

Color Contrast Check

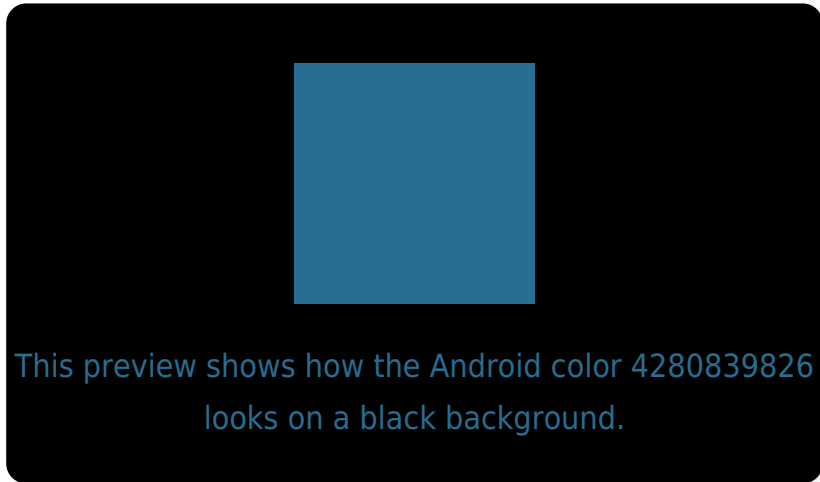
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280839826 Background



This preview shows how black text looks on a background with the Android color 4280839826.

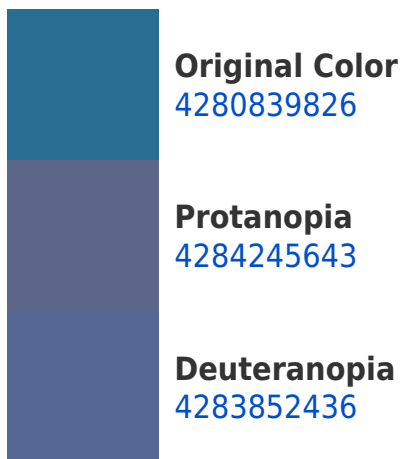


This preview shows how white text looks on a background with the Android color 4280839826.

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

4280839826

Protanomaly

4283001230

Deuteranomaly

4282739091

Tritanomaly

4279988611

Monochromacy



Original Color

4280839826

Achromatopsia

4284308829

Achromatomaly

4283065200

CSS Examples

Text

The CSS property to change the color of the text to Android 4280839826 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(40, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(40, 110, 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(40, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 110, 146) }
```

Border

The CSS property to change the border of an element to Android 4280839826 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(40, 110, 146) }
```

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

```
.border{ border-color:rgb(40, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(40, 110,  
146) }
```

Background

The CSS property to change the background color of an element to Android 4280839826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 110, 146) }
```

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

```
.background{ background-color: rgb(40, 110,  
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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