

Converting Colors

Android(4280771726)

Have a look what the booklet for
Android(4280771726) contains.

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Color

Android(4280771726)

Conversions

Conversions Part 1

Format	Color
Hex	27648E
RGB	39, 100, 142
RGB Percent	15%, 39%, 56%
CMY	0.8471, 0.6078, 0.4431
CMYK	0.73, 0.30, 0.00, 0.44
HSL	204°, 57%, 35%
HSV	204°, 73%, 56%
XYZ	10.2764, 11.4987, 27.2690
YIQ	86.5490, -49.8380, 0.1300

Conversions

Conversions Part 2

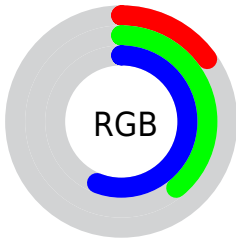
Format	Color
R_{YB}	39, 77, 142
Decimal	2581646
CIE _{Lab}	40.41, -4.94, -28.81
CIE _{LCh}	40, 29.232, 260.270
Yxy	11.4987, 0.2095, 0.2345
Android (android.graphics.Color)	4280771726 (0xFF27648E)
YUV	86.5490, 27.3373, -41.7005
Hunter-Lab	33.9097, -5.2474, -23.9422

Details

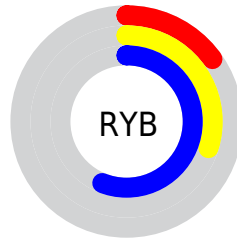
The Android color `4280771726` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287516967`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284651460`, and `4278203995` is the 20% darker color. If you saturate the color by 10%, you get `4279852686`, and if you desaturate by 10%, it is `4281690766`.

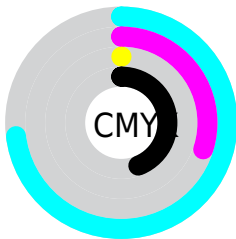
Distribution



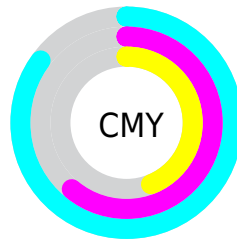
- Red (15%)
- Green (39%)
- Blue (56%)



- Red (15%)
- Yellow (30%)
- Blue (56%)



- Cyan (73%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280771726 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 4280771726 by changing the saturation by 10% instead.

 4280771726

 4280771726

4294967295

 4278209652

 4284651460

 4278203995

 4286427616

 4278198596

 4288269821

 4278191661

 4290177535

 4278190360

 4292018175

 4278190080

 4293984255

 4280771726

 4280771726

 4279852686

 4281690766

■ 4278933646

■ 4282609806

■ 4278211726

■ 4283594126

■ 4284513166

■ 4285432206

■ 4286351246

■ 4287270286

■ 4288254606

■ 4289173646

Harmonies

Analogous

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



4278217091



4280771726



4283849868

Triad

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



4280771726



4287450448



4282542144

Complementary

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



4280771726



4287516967

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.



4284375857



4280771726



4286993211

Square

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



4280771726



4287122792



4285881136



4280118102

Rectangle

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



4280771726



4285290116



4285881136



4283197242

Sweetspot

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



4280771726



4287604664



4280782416



4282667612



4292598747



4284243036

Same Dimension

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



4280771726



4279793336



4280758670



4282401863



4278210695



4278191368

Inverse Universe

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



4287506276



4290254966



4287530023



4282859588



4287037520



4278714373

Previews

White Background



This preview shows how the Android color 4280771726 looks on a white background.

Color Contrast Check

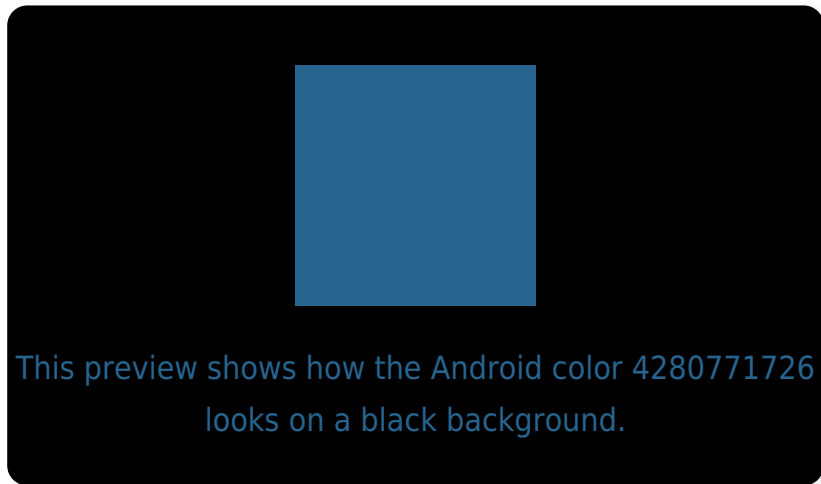
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280771726 Background



This preview shows how black text looks on a background with the Android color 4280771726.



This preview shows how white text looks on a background with the Android color 4280771726.

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

4280771726

Protanopia

4283522441

Deuteranopia

4282932879

Trichromacy



Original Color

4280771726

Protanomaly

4282540171

Deuteranomaly

4282146959

Tritanomaly

4279527292

Monochromacy



Original Color

4280771726

Achromatopsia

4283914071

Achromatomaly

4282801259

CSS Examples

Text

The CSS property to change the color of the text to Android 4280771726 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(39, 100, 142)` looks like.

```
.text, #text, p{  
    color:rgb(39, 100, 142)  
}
```

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(39, 100, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 100, 142) }
```

Border

The CSS property to change the border of an element to Android 4280771726 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(39, 100, 142) }
```

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

```
.border{ border-color:rgb(39, 100, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 100, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 100, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 100, 142);  
box-shadow:4px 4px 4px 4px rgb(39, 100,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4280771726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 100, 142) }
```

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

```
.background{ background-color: rgb(39, 100,  
142) }
```

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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