

Converting Colors

Android(4280767846)

Have a look what the booklet for
Android(4280767846) contains.

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Color

Android(4280767846)

Conversions

Conversions Part 1

Format	Color
Hex	275566
RGB	39, 85, 102
RGB Percent	15%, 33%, 40%
CMY	0.8471, 0.6667, 0.6000
CMYK	0.62, 0.17, 0.00, 0.60
HSL	196°, 45%, 28%
HSV	196°, 62%, 40%
XYZ	6.4835, 7.8876, 13.7511
YIQ	73.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

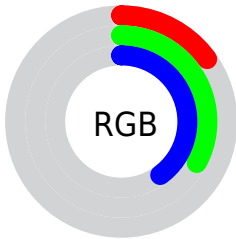
Format	Color
R_{YB}	39, 66, 102
Decimal	2577766
CIE _{Lab}	33.75, -10.13, -14.57
CIE _{LCh}	34, 17.749, 235.182
Yxy	7.8876, 0.2305, 0.2805
Android (android.graphics.Color)	4280767846 (0xFF275566)
YUV	73.1840, 14.2063, -29.9794
Hunter-Lab	28.0849, -7.9415, -9.3705

Details

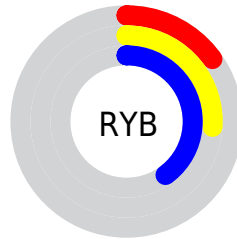
The Android color `4280767846` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284889127`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4284188569`, and `4278200375` is the 20% darker color. If you saturate the color by 10%, you get `4280111718`, and if you desaturate by 10%, it is `4281423974`.

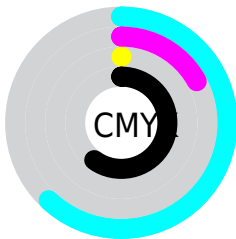
Distribution



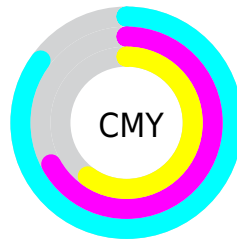
- Red (15%)
- Green (33%)
- Blue (40%)



- Red (15%)
- Yellow (26%)
- Blue (40%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280767846 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 4280767846 by changing the saturation by 10% instead.



4280767846



4280767846

4294967295



4278730318



4284188569



4278200375



4285899188



4278195234



4287610063



4278190089



4289452268



4278190080



4291294463



4293132287



4280767846



4280767846



4280111718



4281423974

■ 4279455590

■ 4282080102

■ 4278734182

■ 4282801510

■ 4278209126

■ 4283457638

■ 4284113766

■ 4284769894

■ 4285425766

■ 4286147430

■ 4286803558

Harmonies

Analogous

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



4280440667



4280767846



4281946475

Triad

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



4280767846



4285089106



4283257398

Complementary

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



4280767846



4284889127

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.



4284173875



4280767846



4285220420

Square

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



4280767846



4284434528



4284893497



4282209599

Rectangle

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



4280767846



4282863210



4284893497



4283584820

Sweetspot

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



4280767846



4285234821



4280772152



4281548354



4290953922



4282532418

Same Dimension

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



4280767846



4280445573



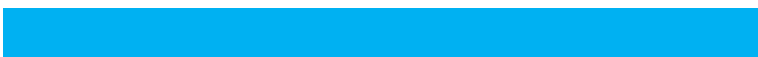
4280759910



4281217587



4278211699



4278235634

Inverse Universe

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



4284884821



4286915178



4284897063



4281544242



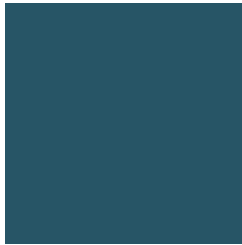
4285726804



4294049969

Previews

White Background



This preview shows how the Android color 4280767846 looks on a white background.

Color Contrast Check

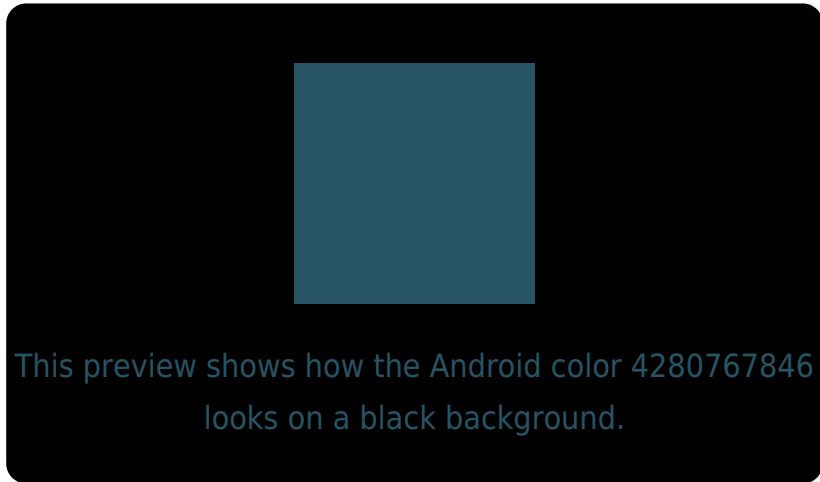
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280767846 Background



This preview shows how black text looks on a background with the Android color 4280767846.



This preview shows how white text looks on a background with the Android color 4280767846.

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

4280767846

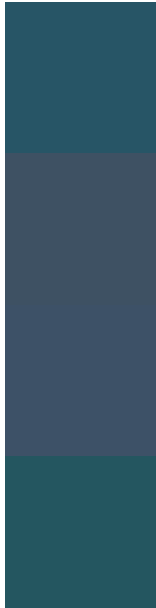
Protanopia

4283125345

Deuteranopia

4283059816

Trichromacy



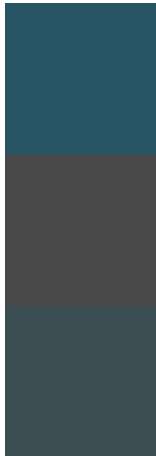
Original Color
4280767846

Protanomaly
4282274147

Deuteranomaly
4282208615

Tritanomaly
4280571488

Monochromacy



Original Color
4280767846

Achromatopsia
4282992969

Achromatomaly
4282207572

CSS Examples

Text

The CSS property to change the color of the text to Android 4280767846 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, 85, 102)` looks like.

```
.text, #text, p{  
    color:rgb(39, 85, 102)  
}
```

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, 85, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 85, 102) }
```

Border

The CSS property to change the border of an element to Android 4280767846 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, 85, 102) }
```

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

```
.border{ border-color:rgb(39, 85, 102) }
```

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

Here you see how a box with a 4 pixel rgb(39, 85, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 85, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 85, 102);  
box-shadow:4px 4px 4px 4px rgb(39, 85,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4280767846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 85, 102) }
```

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

```
.background{ background-color: rgb(39, 85,  
102) }
```

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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