

Converting Colors

Android(4286677686)

Have a look what the booklet for
Android(4286677686) contains.

Android(4286677686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286677686)

Conversions

Conversions Part 1

Format	Color
Hex	8182B6
RGB	129, 130, 182
RGB Percent	51%, 51%, 71%
CMY	0.4941, 0.4902, 0.2863
CMYK	0.29, 0.29, 0.00, 0.29
HSL	239°, 27%, 61%
HSV	239°, 29%, 71%
XYZ	25.4794, 24.0098, 47.5474
YIQ	135.6290, -17.2880, 15.9600

Conversions

Conversions Part 2

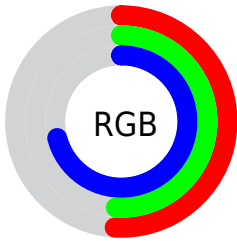
Format	Color
RYB	129, 130, 182
Decimal	8487606
CIELab	56.10, 11.63, -27.43
CIElCh	56, 29.792, 292.975
Yxy	24.0098, 0.2626, 0.2474
Android (android.graphics.Color)	4286677686 (0xFF8182B6)
YUV	135.6290, 22.8609, -5.8136
Hunter-Lab	48.9998, 7.0686, -23.2328

Details

The Android color `4286677686` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4290164097`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4290230254`, and `4283322753` is the 20% darker color. If you saturate the color by 10%, you get `4285493430`, and if you desaturate by 10%, it is `4287861942`.

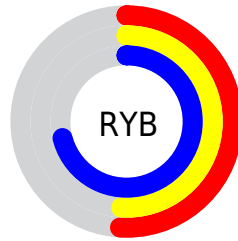
Distribution



Red (51%)

Green (51%)

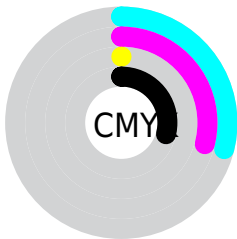
Blue (71%)



Red (51%)

Yellow (51%)

Blue (71%)

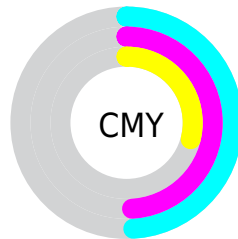


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286677686 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 4286677686 by changing the saturation by 10% instead.

 4286677686

 4286677686


4294967295

 4284967323

 4290230254

 4283322753

 4292072191

 4281678440

 4293980159

 4280100175

 4278325304

 4278190626

 4278190088

 4278190080

 4286677686

 4286677686

■ 4285493430

■ 4287861942

■ 4284309174

■ 4289046198

■ 4283059382

■ 4290295990

■ 4281875382

■ 4291479990

■ 4280691126

■ 4292664246

■ 4279506870

■ 4293848502

■ 4278322614

■ 4294967222

■ 4278191030

Harmonies

Analogous

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



4283993017



4286677686



4288772518

Triad

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



4286677686



4289821278



4282750079

Complementary

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



4286677686



4290164097

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.



4284911974



4286677686



4288512851

Square

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



4286677686



4290344052



4286810966



4280849562

Rectangle

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



4286677686



4289754262



4286810966



4283470710

Sweetspot

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



4286677686



4292401389



4286690996



4285229944



4294440951



4286085240

Same Dimension

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



4286677686



4288322797



4288315830



4283650908



4278191004



4278190364

Inverse Universe

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



4290150786



4293761692



4288525953



4284240723



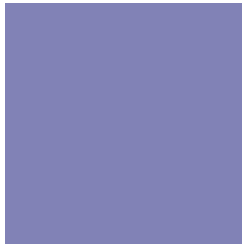
4288413699



4280025089

Previews

White Background



This preview shows how the Android color 4286677686 looks on a white background.

Color Contrast Check

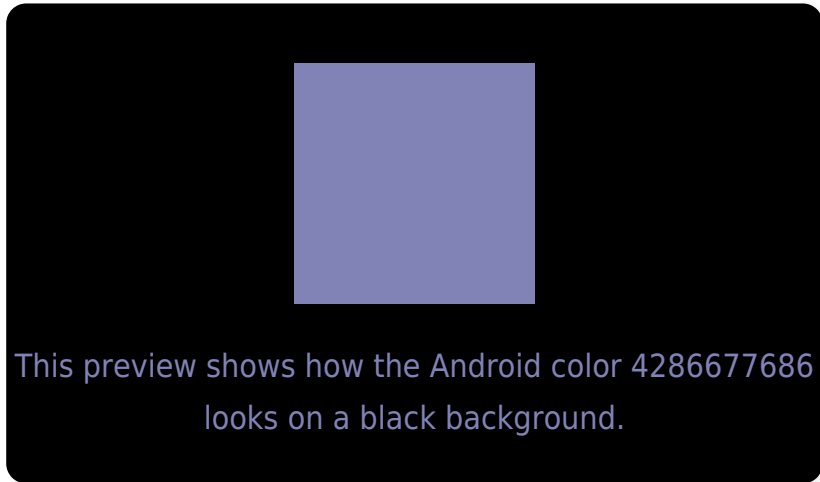
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

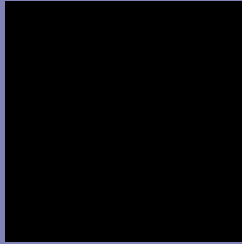
Any Text WCAG AA ✓ Pass

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 4286677686 Background



This preview shows how black text looks on a background with the Android color 4286677686.



This preview shows how white text looks on a background with the Android color 4286677686.

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

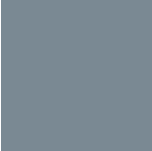
4286677686

Protanopia

4286023096

Deuteranopia

4286153909



Tritanopia
4286220691

Trichromacy



Original Color
4286677686

Protanomaly
4286284983

Deuteranomaly
4286350261

Tritanomaly
4286416544

Monochromacy



Original Color
4286677686

Achromatopsia
4287137928

Achromatomaly
4286940825

CSS Examples

Text

The CSS property to change the color of the text to Android 4286677686 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(129, 130, 182)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 182)  
}
```

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(129, 130, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 182) }
```

Border

The CSS property to change the border of an element to Android 4286677686 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(129, 130, 182) }
```

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

```
.border{ border-color:rgb(129, 130, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 130, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 182);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4286677686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 182) }
```

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

```
.background{ background-color: rgb(129,  
130, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor