

Converting Colors

Android(4286610080)

Have a look what the booklet for
Android(4286610080) contains.

Android(4286610080)	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(4286610080)

Conversions

Conversions Part 1

Format	Color
Hex	807AA0
RGB	128, 122, 160
RGB Percent	50%, 48%, 63%
CMY	0.4980, 0.5216, 0.3725
CMYK	0.20, 0.24, 0.00, 0.37
HSL	249°, 17%, 55%
HSV	249°, 24%, 63%
XYZ	22.2068, 21.0463, 36.1496
YIQ	128.1260, -8.6220, 13.0900

Conversions

Conversions Part 2

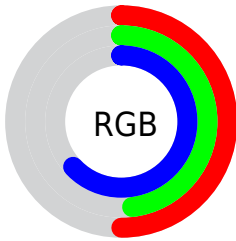
Format	Color
R_{YB}	128, 122, 160
Decimal	8420000
CIE _{Lab}	53.00, 10.54, -19.52
CIE _{LCh}	53, 22.185, 298.364
Yxy	21.0463, 0.2797, 0.2651
Android (android.graphics.Color)	4286610080 (0xFF807AA0)
YUV	128.1260, 15.7139, -0.1105
Hunter-Lab	45.8763, 6.1209, -14.6060

Details

The Android color `4286610080` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288323706`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4290096855`, and `4283320684` is the 20% darker color. If you saturate the color by 10%, you get `4285754016`, and if you desaturate by 10%, it is `4287466144`.

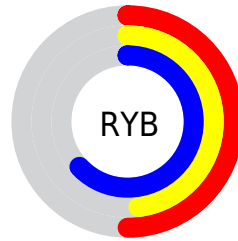
Distribution



Red (50%)

Green (48%)

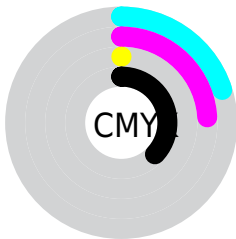
Blue (63%)



Red (50%)

Yellow (48%)

Blue (63%)

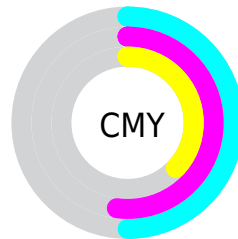


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286610080 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 4286610080 by changing the saturation by 10% instead.

■ 4286610080

■ 4286610080

4294967295

■ 4284965254

■ 4290096855

■ 4283320684

■ 4291939059

■ 4281807700

■ 4293781247

■ 4280294973

■ 4278977831

■ 4278190353

■ 4278190080

■ 4286610080

■ 4286610080

■ 4285754016

■ 4287466144

4284832416

4288387744

4283976352

4289243808

4283054752

4290165408

4282198688

4291021472

4281277088

4291943072

4280421024

4292799136

4279828640

4293720736

4294573984

Harmonies

Analogous

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



4284842404



4286610080



4288050323

Triad

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



4286610080



4288509791



4283402621

Complementary

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



4286610080



4288323706

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.



4284712810



4286610080



4287462744

Square

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



4286610080



4289032813



4286153565



4282681744

Rectangle

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



4286610080



4288704903



4286153565



4283795830

Sweetspot

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



4286610080



4291150545



4286225056



4284637289



4293454056



4285098345

Same Dimension

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



4286610080



4288582865



4287855264



4282926927



4279697551



4278321167

Inverse Universe

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



4288707226



4291925192



4287078522



4283385678



4287561848



4279173133

Previews

White Background



This preview shows how the Android color 4286610080 looks on a white background.

Color Contrast Check

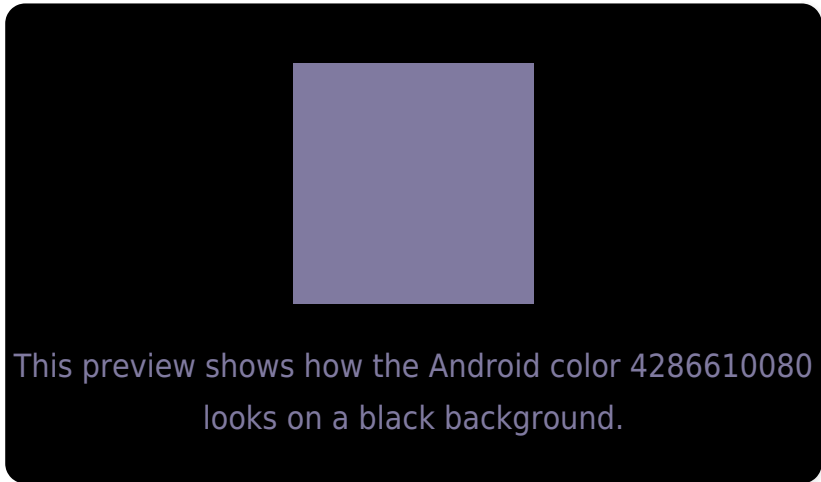
Large Text (above 18pt) WCAG AA ✓ Pass

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

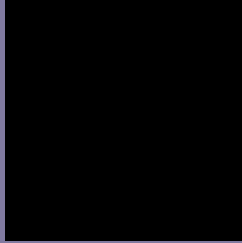
Any Text WCAG AA ✓ Pass

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 4286610080 Background



This preview shows how black text looks on a background with the Android color 4286610080.



This preview shows how white text looks on a background with the Android color 4286610080.

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
4286610080

Protanopia
4285889954

Deuteranopia
4286217376



Tritanopia
4286348936

Trichromacy



Original Color

4286610080

Protanomaly

4286151841

Deuteranomaly

4286348192

Tritanomaly

4286414225

Monochromacy



Original Color

4286610080

Achromatopsia

4286611584

Achromatomaly

4286611084

CSS Examples

Text

The CSS property to change the color of the text to Android 4286610080 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(128, 122, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 160)  
}
```

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(128, 122, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 160) }
```

Border

The CSS property to change the border of an element to Android 4286610080 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(128, 122, 160) }
```

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

```
.border{ border-color:rgb(128, 122, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4286610080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 160) }
```

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

```
.background{ background-color: rgb(128,  
122, 160) }
```

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