Converting Colors

Android(4287197610)

Have a look what the booklet for Android(4287197610) contains.

Android(4287197610) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

Android(4287197610)

Conversions

Conversions Part 1

Format	Color
Hex	8971AA
RGB	137, 113, 170
RGB Percent	54%, 44%, 67%
CMY	0.4627, 0.5569, 0.3333
CMYK	0.19, 0.34, 0.00, 0.33
HSL	265°, 25%, 55%
HSV	265°, 34%, 67%
XYZ	23.4774, 20.0309, 40.6592
YIQ	126.6740, -3.9930, 22.8150

Conversions

Conversions Part 2

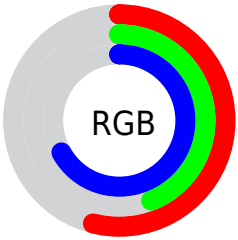
Format	Color
RYB	137, 113, 170
Decimal	9007530
CIELab	51.87, 21.17, -27.00
CIELCh	52, 34.309, 308.093
Yxy	20.0309, 0.2789, 0.2380
Android (android.graphics.Color)	4287197610 (0xFF8971AA)
YUV	126.6740, 21.3597, 9.0559
Hunter-Lab	44.7559, 15.3120, -22.5338

Details

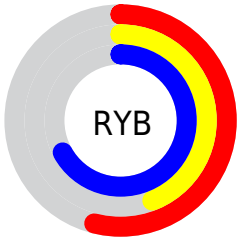
The Android color 4287197610 is a dark color, and the websafe version is hex 666699. A complement of this color would be 4287801969, and the grayscale version is 4286479998.

A 20% lighter version of the original color is 4290749921, and 4283842934 is the 20% darker color. If you saturate the color by 10%, you get 4286537898, and if you desaturate by 10%, it is 4287857322.

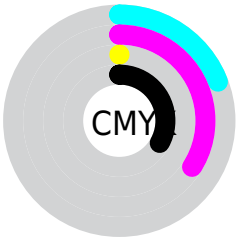
Distribution



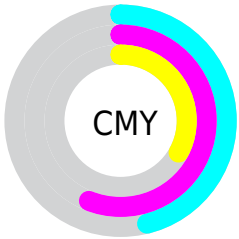
- Red (54%)
- Green (44%)
- Blue (67%)



- Red (54%)
- Yellow (44%)
- Blue (67%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287197610 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 4287197610 by changing the saturation by 10% instead.

4287197610

4294967295

4290749921

4292591870

4294499583

4294965759

4287197610

4285487247

4283842934

4282264157

4280685893

4279500846

4278190361

4278190080

4287197610

4286537898

4287197610

4287857322

4285878186

4285218474

4284624298

4283964586

4283304874

4282908842

4288517034

4289176746

4289770922

4290430634

4291090346

4291750058

4292409770

4293066666

Harmonies

Analogous

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

4284251318

4287197610

4289161106

Triad

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

4287197610

4288705093

4278225795

Complementary

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

4287197610

4287801969

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.

4282419557

4287197610

4287003968

Square

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

4287197610

4289751385

4284974156

4278225567

Rectangle

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

4287197610

4289815679

4284974156

4279995257

Sweetspot

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

4287197610

4291938526

4285633194

4285031280

4293980400

4285558896

Same Dimension

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

4287197610

4289365470

4289032618

4283386964

4282253460

4278779924

Inverse Universe

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

4289360274

4292773304

4285966961

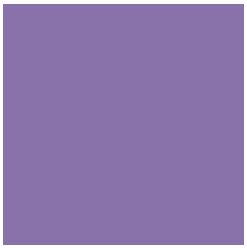
4283714641

4287889494

4279500812

Previews

White Background

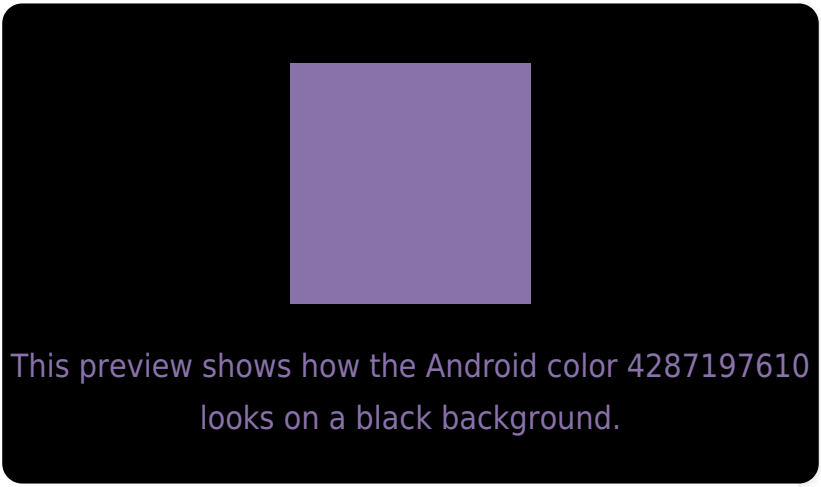


This preview shows how the Android color 4287197610 looks on a white background.

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



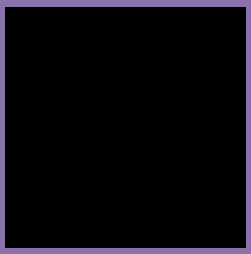
This preview shows how the Android color 4287197610 looks on a black background.

Color Contrast Check

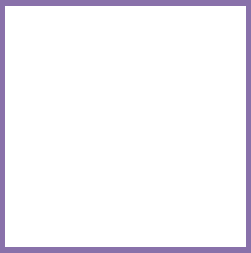
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4287197610 Background



This preview shows how black text looks on a background with the Android color 4287197610.

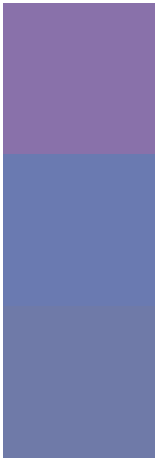


This preview shows how white text looks on a background with the Android color 4287197610.

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



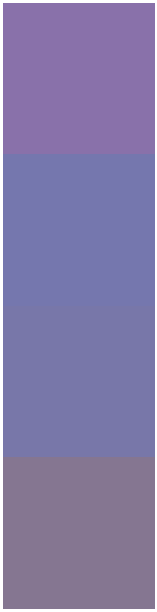
Original Color
4287197610

Protanopia
4285168305

Deuteranopia
4285495976

Tritanopia
4286740866

Trichromacy



Original Color
4287197610

Protanomaly
4285888430

Deuteranomaly
4286085033

Tritanomaly
4286936721

Monochromacy

Original Color
4287197610

Achromatopsia
4286545791

Achromatomaly
4286806671

CSS Examples

Text

The CSS property to change the color of the text to Android 4287197610 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(137, 113, 170) looks like.

```
.text, #text, p{
    color:rgb(137, 113, 170)
}
```

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(137, 113, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 170) }
```

Border

The CSS property to change the border of an element to Android 4287197610 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(137, 113, 170) }
```

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

```
.border{ border-color:rgb(137, 113, 170) }
```

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

Here you see how a box with a 4 pixel rgb(137, 113, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 113, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 113, 170); box-shadow:4px 4px 4px 4px rgb(137, 113, 170) }
```

Background

The CSS property to change the background color of an element to Android 4287197610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(137, 113, 170) }
```

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

```
.background{ background-color:rgb(137,
113, 170) }
```

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