

Converting Colors

Android(4286275470)

Have a look what the booklet for
Android(4286275470) contains.

Android(4286275470)	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(4286275470)

Conversions

Conversions Part 1

Format	Color
Hex	7B5F8E
RGB	123, 95, 142
RGB Percent	48%, 37%, 56%
CMY	0.5176, 0.6275, 0.4431
CMYK	0.13, 0.33, 0.00, 0.44
HSL	276°, 20%, 46%
HSV	276°, 33%, 56%
XYZ	17.1431, 14.3484, 27.4572
YIQ	108.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

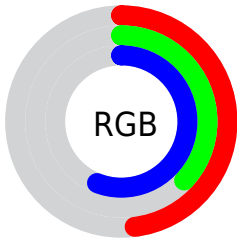
Format	Color
R_{YB}	123, 95, 142
Decimal	8085390
CIE _{Lab}	44.73, 20.74, -21.65
CIE _{LCh}	45, 29.983, 313.769
Yxy	14.3484, 0.2908, 0.2434
Android (android.graphics.Color)	4286275470 (0xFF7B5F8E)
YUV	108.7300, 16.4021, 12.5148
Hunter-Lab	37.8792, 14.4954, -16.4615

Details

The Android color `4286275470` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4285697631`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4289761988`, and `4282986588` is the 20% darker color. If you saturate the color by 10%, you get `4285878670`, and if you desaturate by 10%, it is `4286672270`.

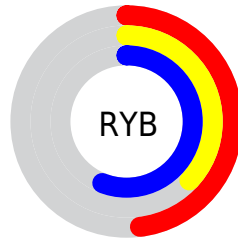
Distribution



Red (48%)

Green (37%)

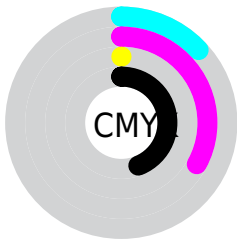
Blue (56%)



Red (48%)

Yellow (37%)

Blue (56%)

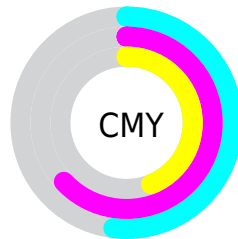


Cyan (13%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286275470 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 4286275470 by changing the saturation by 10% instead.

■ 4286275470

■ 4286275470

4294967295

■ 4284630900

■ 4289761988

■ 4282986588

■ 4291603680

■ 4281473860

■ 4293445885

■ 4280091437

■ 4294960383

■ 4278190360

■ 4278190080

■ 4286275470

■ 4286275470

■ 4285878670

■ 4286672270

■ 4285547406

■ 4287003534

4285150350

4287400590

4284753550

4287797390

4284356750

4288194190

4284025486

4288525454

4283760782

4288922254

4289319310

4289716110

Harmonies

Analogous

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



4283918490



4286275470



4287780984

Triad

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



4286275470



4286932026



4278220661

Complementary

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



4286275470



4285697631

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.



4281431643



4286275470



4285426744

Square

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



4286275470



4287978312



4283658821



4278220172

Rectangle

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



4286275470



4288239208



4283658821



4279072620

Sweetspot

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



4286275470



4289766840



4284445582



4283912540



4292598747



4284243036

Same Dimension

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



4286275470



4288310968



4287520650



4282728519



4283498631



4278517768

Inverse Universe

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



4287520626



4290277004



4284452451



4282859587



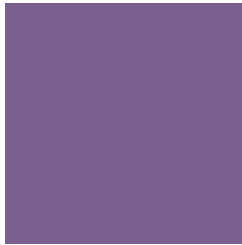
4287037495



4278714371

Previews

White Background



This preview shows how the Android color 4286275470 looks on a white background.

Color Contrast Check

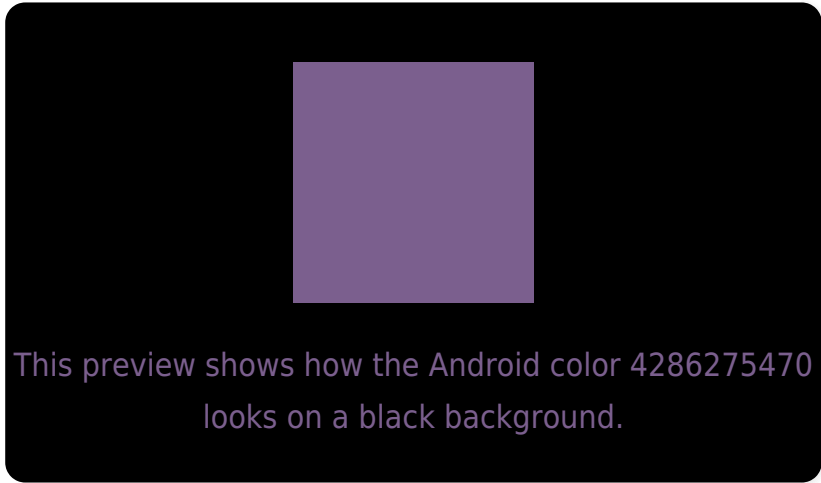
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286275470 Background



This preview shows how black text looks on a background with the Android color 4286275470.



This preview shows how white text looks on a background with the Android color 4286275470.

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

[4286275470](#)

Protanopia

[4284246165](#)

Deuteranopia

[4284639372](#)

Trichromacy



Original Color
4286275470

Protanomaly
4284966290

Deuteranomaly
4285228429

Tritanomaly
4286079865

Monochromacy



Original Color
4286275470

Achromatopsia
4285361517

Achromatomaly
4285687929

CSS Examples

Text

The CSS property to change the color of the text to Android 4286275470 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(123, 95, 142)` looks like.

```
.text, #text, p{  
    color:rgb(123, 95, 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(123, 95, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 95, 142) }
```

Border

The CSS property to change the border of an element to Android 4286275470 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(123, 95, 142) }
```

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

```
.border{ border-color:rgb(123, 95, 142) }
```

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

Here you see how a box with a 4 pixel rgb(123, 95, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 95, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 95, 142);  
box-shadow:4px 4px 4px 4px rgb(123, 95,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4286275470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 95, 142) }
```

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

```
.background{ background-color: rgb(123, 95,  
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](#).

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