

Converting Colors

Android(4286673350)

Have a look what the booklet for
Android(4286673350) contains.

Android(4286673350)	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(4286673350)

Conversions

Conversions Part 1

Format	Color
Hex	8171C6
RGB	129, 113, 198
RGB Percent	51%, 44%, 78%
CMY	0.4941, 0.5569, 0.2235
CMYK	0.35, 0.43, 0.00, 0.22
HSL	251°, 43%, 61%
HSV	251°, 43%, 78%
XYZ	25.1514, 20.5546, 56.0679
YIQ	127.4740, -17.7490, 29.8270

Conversions

Conversions Part 2

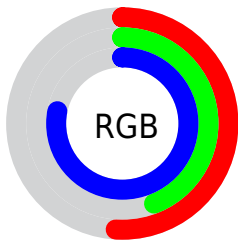
Format	Color
R _Y B	129, 113, 198
Decimal	8483270
CIE Lab	52.46, 25.92, -42.27
CIE LCh	52, 49.590, 301.519
Yxy	20.5546, 0.2471, 0.2020
Android (android.graphics.Color)	4286673350 (0xFF8171C6)
YUV	127.4740, 34.7693, 1.3383
Hunter-Lab	45.3372, 19.6853, -41.5871

Details

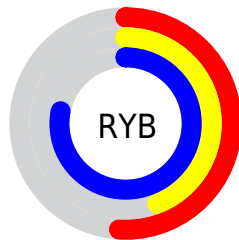
The Android color `4286673350` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4290168433`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4290291199`, and `4283187600` is the 20% darker color. If you saturate the color by 10%, you get `4285619654`, and if you desaturate by 10%, it is `4287727046`.

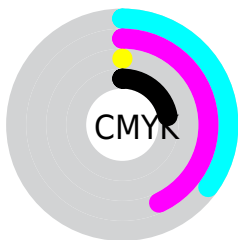
Distribution



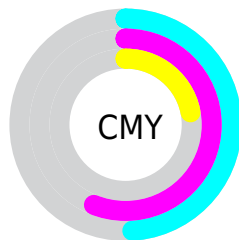
- Red (51%)
- Green (44%)
- Blue (78%)



- Red (51%)
- Yellow (44%)
- Blue (78%)



- Cyan (35%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286673350 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 4286673350 by changing the saturation by 10% instead.

 4286673350

 4286673350

4294967295

 4284897450

 4290291199

 4283187600

 4292198655

 4281412470

 4294106367

 4279440988

 4294965759

 4278190148

 4278190893

 4278190360

 4278190080

 4286673350

 4286673350

■ 4285619654

■ 4287727046

■ 4284565958

■ 4288780742

■ 4283512518

■ 4289834182

■ 4282458822

■ 4290887878

■ 4281405126

■ 4291941574

■ 4280615110

■ 4292995270

■ 4294114502

■ 4294967238

Harmonies

Analogous

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



4279402962



4286673350



4289945510

Triad

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



4286673350



4290014257



4278227582

Complementary

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



4286673350



4290168433

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.



4280651603



4286673350



4287790113

Square

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



4286673350



4291320915



4284975151



4278227368

Rectangle

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



4286673350



4291057803



4284975151



4278227311

Sweetspot

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



4286673350



4293189375



4285642438



4285492096



4278190080



4286611584

Same Dimension

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



4286673350



4287855359



4289425862



4284176995



4280221859



4278648868

Inverse Universe

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



4291195318



4294933222



4287415921



4284701282



4288872580



4280549405

Previews

White Background



This preview shows how the Android color 4286673350 looks on a white background.

Color Contrast Check

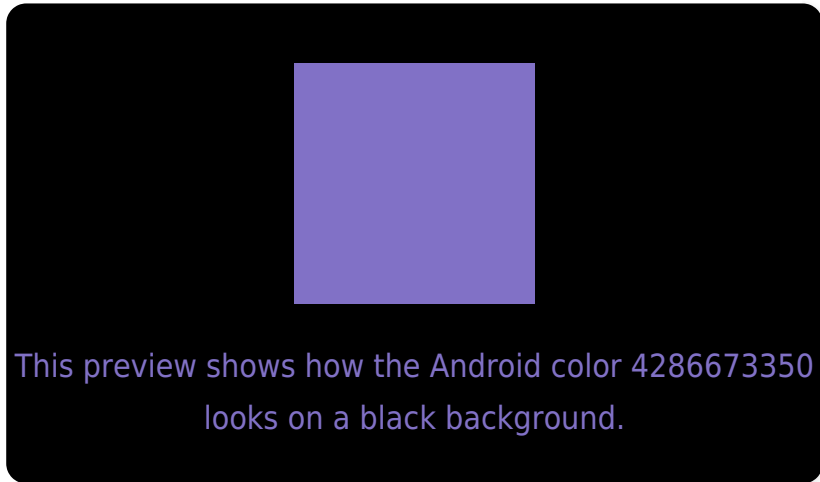
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286673350 Background



This preview shows how black text looks on a background with the Android color 4286673350.



This preview shows how white text looks on a background with the Android color 4286673350.

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



Trichromacy



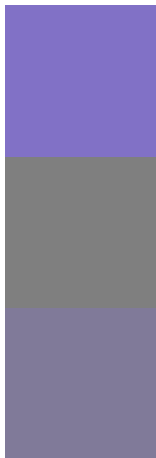
Original Color
4286673350

Protanomaly
4285102027

Deuteranomaly
4284971460

Tritanomaly
4286151327

Monochromacy



Original Color
4286673350

Achromatopsia
4286545791

Achromatomaly
4286610073

CSS Examples

Text

The CSS property to change the color of the text to Android 4286673350 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, 113, 198)` looks like.

```
.text, #text, p{  
    color:rgb(129, 113, 198)  
}
```

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, 113, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 113, 198) }
```

Border

The CSS property to change the border of an element to Android 4286673350 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, 113, 198) }
```

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

```
.border{ border-color:rgb(129, 113, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 113, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 113, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 113, 198);  
box-shadow:4px 4px 4px 4px rgb(129, 113,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4286673350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 113, 198) }
```

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

```
.background{ background-color: rgb(129,  
113, 198) }
```

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