

Converting Colors

Android(4286268830)

Have a look what the booklet for
Android(4286268830) contains.

Android(4286268830)	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(4286268830)

Conversions

Conversions Part 1

Format	Color
Hex	7B459E
RGB	123, 69, 158
RGB Percent	48%, 27%, 62%
CMY	0.5176, 0.7294, 0.3804
CMYK	0.22, 0.56, 0.00, 0.38
HSL	276°, 39%, 45%
HSV	276°, 56%, 62%
XYZ	16.4681, 10.9358, 33.5906
YIQ	95.2920, 3.6150, 39.1270

Conversions

Conversions Part 2

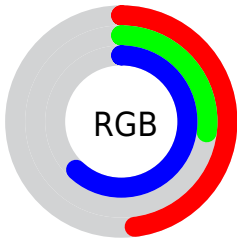
Format	Color
R_{YB}	123, 69, 158
Decimal	8078750
CIE _{Lab}	39.47, 39.64, -39.50
CIE _{LCh}	39, 55.959, 315.102
Yxy	10.9358, 0.2700, 0.1793
Android (android.graphics.Color)	4286268830 (0xFF7B459E)
YUV	95.2920, 30.9150, 24.2999
Hunter-Lab	33.0694, 31.0190, -37.0760

Details

The Android color `4286268830` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4285046341`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4289886165`, and `4282848362` is the 20% darker color. If you saturate the color by 10%, you get `4285871518`, and if you desaturate by 10%, it is `4286666142`.

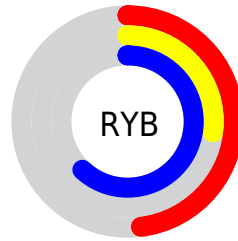
Distribution



Red (48%)

Green (27%)

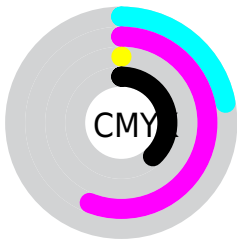
Blue (62%)



Red (48%)

Yellow (27%)

Blue (62%)

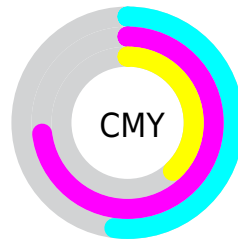


Cyan (22%)

Magenta (56%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (73%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286268830 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 4286268830 by changing the saturation by 10% instead.

 4286268830


 4286268830

4294967295

 4284558724

 4289886165

 4282848362

 4291728114

 4281139281

 4293635583

 4279828538

 4294953471

 4278190627

 4294960639

 4278190090

 4278190080

 4286268830

 4286268830

 4285871518

 4286666142

■ 4285474206

■ 4287063454

■ 4285011614

■ 4287526046

■ 4284614302

■ 4287923358

■ 4284481694

■ 4288320670

■ 4288717982

■ 4289115294

■ 4289577886

■ 4289975198

Harmonies

Analogous

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



4279458742



4286268830



4288818806

Triad

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



4286268830



4286796544



4278219123

Complementary

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



4286268830



4285046341

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.



4278218820



4286268830



4284244480

Square

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



4286268830



4288691485



4280380179



4278218909

Rectangle

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



4286268830



4289472343



4280380179



4278219108

Sweetspot

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



4286268830



4290882511



4282739102



4284503145



4293454056



4285098345

Same Dimension

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



4286268830



4288103119



4288562581



4283189071



4283891855



4278779919

Inverse Universe

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



4288562536



4291773049



4282752590



4283385674



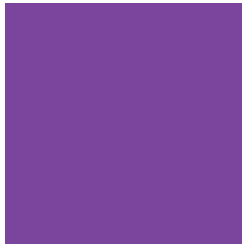
4287561784



4279173126

Previews

White Background



This preview shows how the Android color 4286268830 looks on a white background.

Color Contrast Check

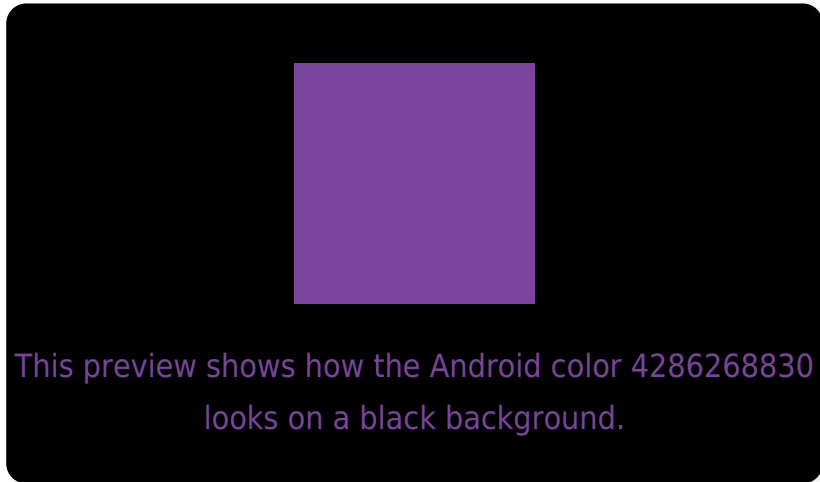
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286268830 Background



This preview shows how black text looks on a background with the Android color 4286268830.




This preview shows how white text looks on a background with the Android color 4286268830.

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





Tritanopia
428552221

Trichromacy



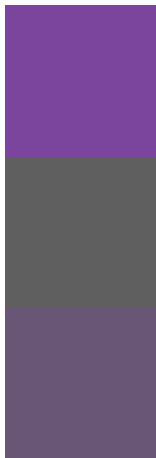
Original Color
4286268830

Protanomaly
4282929835

Deuteranomaly
4283454875

Tritanomaly
4285812853

Monochromacy



Original Color
4286268830

Achromatopsia
4284440415

Achromatomaly
4285093494

CSS Examples

Text

The CSS property to change the color of the text to Android 4286268830 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, 69, 158)` looks like.

```
.text, #text, p{  
    color:rgb(123, 69, 158)  
}
```

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, 69, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 69, 158) }
```

Border

The CSS property to change the border of an element to Android 4286268830 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, 69, 158) }
```

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

```
.border{ border-color:rgb(123, 69, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 69, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 69, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 69, 158);  
box-shadow:4px 4px 4px 4px rgb(123, 69,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4286268830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 69, 158) }
```

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

```
.background{ background-color: rgb(123, 69,  
158) }
```

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