

Converting Colors

Android(4286198732)

Have a look what the booklet for
Android(4286198732) contains.

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Color

Android(4286198732)

Conversions

Conversions Part 1

Format	Color
Hex	7A33CC
RGB	122, 51, 204
RGB Percent	48%, 20%, 80%
CMY	0.5216, 0.8000, 0.2000
CMYK	0.40, 0.75, 0.00, 0.20
HSL	268°, 60%, 50%
HSV	268°, 75%, 80%
XYZ	20.1089, 10.8649, 58.1640
YIQ	89.6710, -6.7970, 62.6350

Conversions

Conversions Part 2

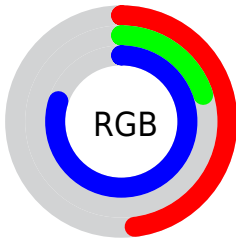
Format	Color
R_{YB}	122, 51, 204
Decimal	8008652
CIE _{Lab}	39.35, 59.35, -66.84
CIE _{LCh}	39, 89.389, 311.601
Yxy	10.8649, 0.2256, 0.1219
Android (android.graphics.Color)	4286198732 (0xFF7A33CC)
YUV	89.6710, 56.3642, 28.3525
Hunter-Lab	32.9619, 51.2136, -81.5488

Details

The Android color `4286198732` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4286958643`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4290013439`, and `4282253461` is the 20% darker color. If you saturate the color by 10%, you get `4285472716`, and if you desaturate by 10%, it is `4286924748`.

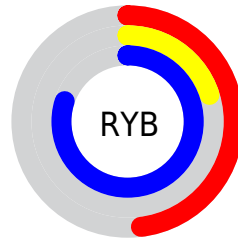
Distribution



Red (48%)

Green (20%)

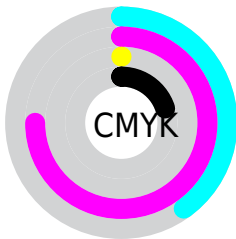
Blue (80%)



Red (48%)

Yellow (20%)

Blue (80%)

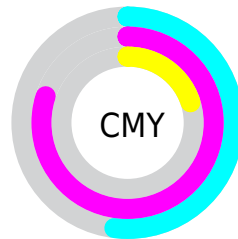


Cyan (40%)

Magenta (75%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (80%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286198732 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 4286198732 by changing the saturation by 10% instead.

 4286198732


 4286198732

4294967295

 4284290480

 4290013439

 4282253461

 4291986431

 4279894138

 4293959679

 4278190176

 4294949887

 4278190151

 4294957055

 4278191152

 4294964479

 4278190362

 4278190080

 4286198732

 4286198732

■ 4285472716

■ 4286924748

■ 4284746444

■ 4287651020

■ 4284416204

■ 4288377036

■ 4289103308

■ 4289829324

■ 4290555340

■ 4291281612

■ 4291942092

■ 4292668364

Harmonies

Analogous

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



4278214639



4286198732



4290904204

Triad

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



4286198732



4287973120



4278220920

Complementary

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



4286198732



4286958643

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.



4278220074



4286198732



4283982592

Square

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



4286198732



4290838528



4278218752



4278220990

Rectangle

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



4286198732



4291952733



4278218752



4278220639

Sweetspot

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



4286198732



4292920575



4281567180



4285291648



4278190080



4286611584

Same Dimension

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



4286198732



4286847487



4291048396



4284570726



4283236518



4279369766

Inverse Universe

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



4291572613



4294908308



4282108979



4284898401



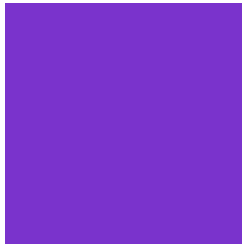
4289069145



4280680468

Previews

White Background



This preview shows how the Android color 4286198732 looks on a white background.

Color Contrast Check

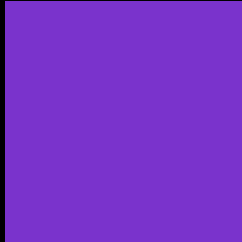
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286198732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

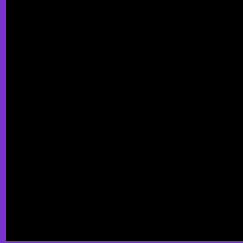
Any Text WCAG AA × Fail

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 4286198732 Background



This preview shows how black text looks on a background with the Android color 4286198732.

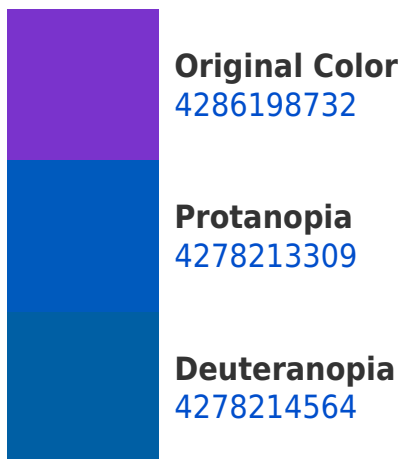


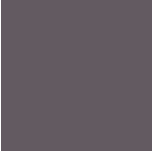
This preview shows how white text looks on a background with the Android color 4286198732.

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
4284701281

Trichromacy



Original Color

4286198732



Protanomaly

4281093314



Deuteranomaly

4281094067



Tritanomaly

4285222024

Monochromacy



Original Color

4286198732



Achromatopsia

4284111450



Achromatomaly

4284894339

CSS Examples

Text

The CSS property to change the color of the text to Android 4286198732 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(122, 51, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 51, 204)  
}
```

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(122, 51, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 51, 204) }
```

Border

The CSS property to change the border of an element to Android 4286198732 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(122, 51, 204) }
```

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

```
.border{ border-color:rgb(122, 51, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 51, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 51, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 51, 204);  
box-shadow:4px 4px 4px 4px rgb(122, 51,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4286198732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 51, 204) }
```

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

```
.background{ background-color: rgb(122, 51,  
204) }
```

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](#).

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