

Converting Colors

Android(4286008035)

Have a look what the booklet for
Android(4286008035) contains.

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Color

Android(4286008035)

Conversions

Conversions Part 1

Format	Color
Hex	774AE3
RGB	119, 74, 227
RGB Percent	47%, 29%, 89%
CMY	0.5333, 0.7098, 0.1098
CMYK	0.48, 0.67, 0.00, 0.11
HSL	258°, 73%, 59%
HSV	258°, 67%, 89%
XYZ	23.9217, 14.3655, 74.1851
YIQ	104.8970, -22.2930, 57.1230

Conversions

Conversions Part 2

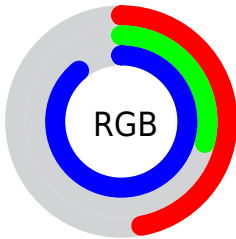
Format	Color
R _{YB}	119, 74, 227
Decimal	7817955
CIE _{Lab}	44.75, 53.82, -71.24
CIE _{LCh}	45, 89.286, 307.070
Y _{xy}	14.3655, 0.2127, 0.1277
Android (android.graphics.Color)	4286008035 (0xFF774AE3)
Y _{UV}	104.8970, 60.1968, 12.3683
Hunter-Lab	37.9019, 46.3313, -89.5164

Details

The Android color `4286008035` is a dark color, and the websafe version is hex `6633CC`. The color can be described as middle muted purple. A complement of this color would be `4290175818`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4289953535`, and `4281800618` is the 20% darker color. If you saturate the color by 10%, you get `4284953571`, and if you desaturate by 10%, it is `4287062499`.

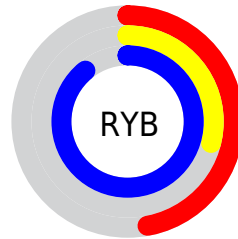
Distribution



Red (47%)

Green (29%)

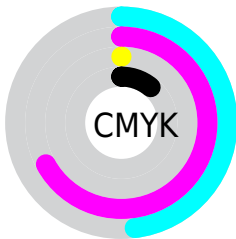
Blue (89%)



Red (47%)

Yellow (29%)

Blue (89%)

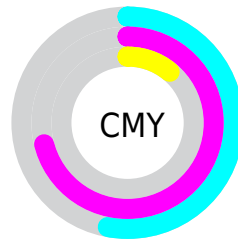


Cyan (48%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286008035 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 4286008035 by changing the saturation by 10% instead.



4286008035



4286008035

4294967295



4284035526



4289953535



4281800618



4291860735



4278321295



4293899519



4278190197



4294955263



4278190171



4294962687



4278191938



4278190891



4278190357



4278190080

■ 4286008035

■ 4286008035

■ 4284953571

■ 4287062499

■ 4283899363

■ 4288116707

■ 4282844899

■ 4289171171

■ 4282581219

■ 4290225635

■ 4291280099

■ 4292334307

■ 4293388771

■ 4294442979

■ 4294967267

Harmonies

Analogous

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



4278219007



4286008035



4291494053

Triad

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



4286008035



4289613312



4278224506

Complementary

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



4286008035



4290175818

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.



4278223657



4286008035



4285689088

Square

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



4286008035



4292280336



4278221824



4278224835

Rectangle

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



4286008035



4292935797



4278221824



4278224480

Sweetspot

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



4286008035



4292594943



4283087075



4285161856



4278190080



4286611584

Same Dimension

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



4286008035



4285346047



4290923235



4285228915



4281598131



4279173171

Inverse Universe

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



4293085878



4294914242



4285260618



4285753199



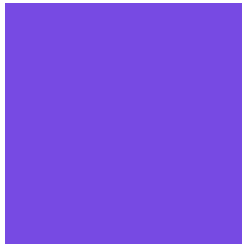
4289921150



4281532452

Previews

White Background



This preview shows how the Android color 4286008035 looks on a white background.

Color Contrast Check

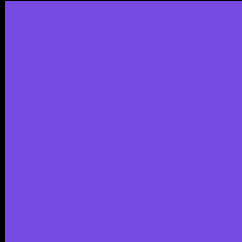
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286008035 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 4286008035 Background



This preview shows how black text looks on a background with the Android color 4286008035.



This preview shows how white text looks on a background with the Android color 4286008035.

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

4286008035

Protanopia

4278216408

Deuteranopia

4278217914

Trichromacy



Original Color
4286008035



Protanomaly
4281031900



Deuteranomaly
4281032905



Tritanomaly
4284768413

Monochromacy



Original Color
4286008035



Achromatopsia
4285098345



Achromatomaly
4285423253

CSS Examples

Text

The CSS property to change the color of the text to Android 4286008035 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(119, 74, 227)` looks like.

```
.text, #text, p{  
    color:rgb(119, 74, 227)  
}
```

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(119, 74, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 74, 227) }
```

Border

The CSS property to change the border of an element to Android 4286008035 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(119, 74, 227) }
```

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

```
.border{ border-color:rgb(119, 74, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 74, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 74, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 74, 227);  
box-shadow:4px 4px 4px 4px rgb(119, 74,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4286008035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 74, 227) }
```

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

```
.background{ background-color: rgb(119, 74,  
227) }
```

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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