

Converting Colors

Android(4285868736)

Have a look what the booklet for
Android(4285868736) contains.

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Color

Android(4285868736)

Conversions

Conversions Part 1

Format	Color
Hex	752AC0
RGB	117, 42, 192
RGB Percent	46%, 16%, 75%
CMY	0.5412, 0.8353, 0.2471
CMYK	0.39, 0.78, 0.00, 0.25
HSL	270°, 64%, 46%
HSV	270°, 78%, 75%
XYZ	17.6785, 9.2436, 50.7216
YIQ	81.5250, -3.4500, 62.5500

Conversions

Conversions Part 2

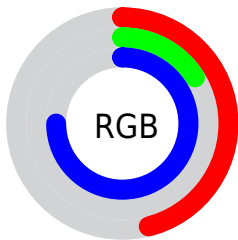
Format	Color
RYB	117, 42, 192
Decimal	7678656
CIELab	36.45, 59.34, -64.61
CIElCh	36, 87.723, 312.565
Yxy	9.2436, 0.2277, 0.1191
Android (android.graphics.Color)	4285868736 (0xFF752AC0)
YUV	81.5250, 54.4642, 31.1116
Hunter-Lab	30.4033, 50.5860, -77.6308

Details

The Android color **4285868736** 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 **4285906986**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4289683705**, and **4281991305** is the 20% darker color. If you saturate the color by 10%, you get **4285208512**, and if you desaturate by 10%, it is **4286528960**.

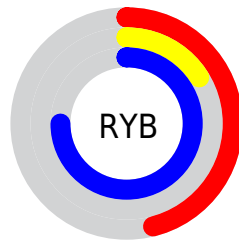
Distribution



Red (46%)

Green (16%)

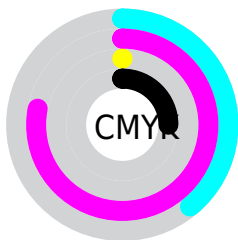
Blue (75%)



Red (46%)

Yellow (16%)

Blue (75%)

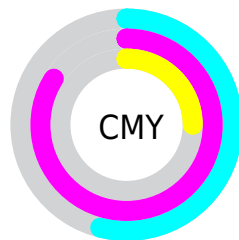


Cyan (39%)

Magenta (78%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (84%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285868736 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 4285868736 by changing the saturation by 10% instead.

 4285868736


 4285868736

4294967295

 4283958948

 4289683705

 4281991305

 4291591167

 4279631983

 4293564159

 4278190166

 4294947583

 4278191421

 4294954751

 4278190886

 4294962175

 4278190352

 4278190080

 4285868736

 4285868736

■ 4285208512

■ 4286528960

■ 4284613824

■ 4287123648

■ 4284481728

■ 4287784128

■ 4288378816

■ 4289039040

■ 4289699264

■ 4290293952

■ 4290954432

■ 4291549120

Harmonies

Analogous

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



4278212580



4285868736



4290314370

Triad

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



4285868736



4287250944



4278218611

Complementary

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



4285868736



4285906986

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.



4278218023



4285868736



4283325440

Square

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



4285868736



4290052096



4278216704



4278218934

Rectangle

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



4285868736



4291297363



4278216704



4278218586

Sweetspot

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



4285868736



4292722938



4280972736



4285225597



4294769916



4286414205

Same Dimension

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



4285868736



4286844922



4290783936



4284241761



4283433121



4279304225

Inverse Universe

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



4290783861



4294578052



4280991786



4284569436



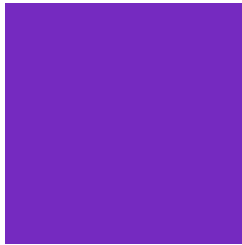
4288741456



4280352785

Previews

White Background



This preview shows how the Android color 4285868736 looks on a white background.

Color Contrast Check

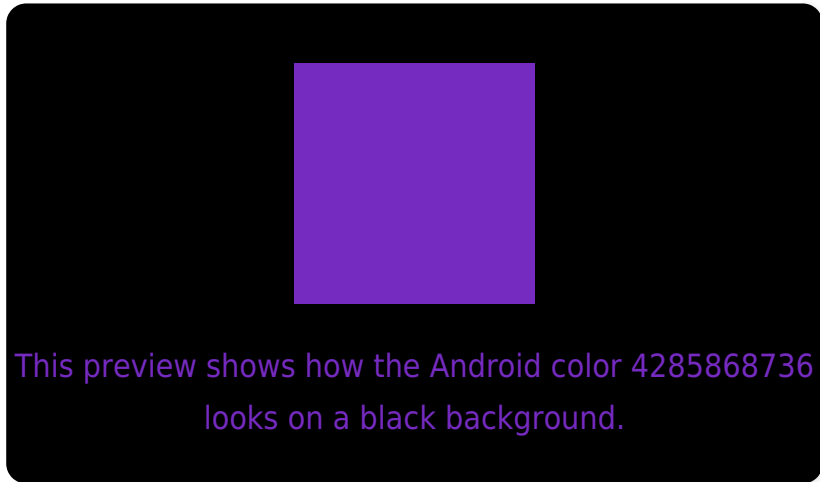
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

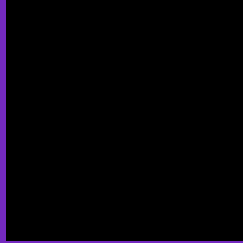
Any Text WCAG AA × Fail

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 4285868736 Background



This preview shows how black text looks on a background with the Android color 4285868736.



This preview shows how white text looks on a background with the Android color 4285868736.

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
4285868736

Protanopia
4278211503

Deuteranopia
4278212760



Tritanopia
4284437337

Trichromacy



Original Color
4285868736



Protanomaly
4281025717



Deuteranomaly
4281026471



Tritanomaly
4284957822

Monochromacy



Original Color
4285868736



Achromatopsia
4283585106



Achromatomaly
4284433274

CSS Examples

Text

The CSS property to change the color of the text to Android 4285868736 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(117, 42, 192)` looks like.

```
.text, #text, p{  
    color:rgb(117, 42, 192)  
}
```

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(117, 42, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 42, 192) }
```

Border

The CSS property to change the border of an element to Android 4285868736 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(117, 42, 192) }
```

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

```
.border{ border-color:rgb(117, 42, 192) }
```

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

Here you see how a box with a 4 pixel rgb(117, 42, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 42, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 42, 192);  
box-shadow:4px 4px 4px 4px rgb(117, 42,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4285868736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 42, 192) }
```

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

```
.background{ background-color: rgb(117, 42,  
192) }
```

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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