

Converting Colors

Android(4285803689)

Have a look what the booklet for
Android(4285803689) contains.

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Color

Android(4285803689)

Conversions

Conversions Part 1

Format	Color
Hex	742CA9
RGB	116, 44, 169
RGB Percent	45%, 17%, 66%
CMY	0.5451, 0.8275, 0.3373
CMYK	0.31, 0.74, 0.00, 0.34
HSL	275°, 59%, 42%
HSV	275°, 74%, 66%
XYZ	15.2646, 8.3789, 38.3489
YIQ	79.7780, 2.7870, 54.1390

Conversions

Conversions Part 2

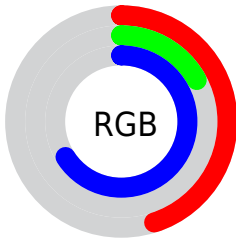
Format	Color
R _Y B	116, 44, 169
Decimal	7613609
CIE Lab	34.76, 52.99, -53.72
CIE LCh	35, 75.458, 314.605
Yxy	8.3789, 0.2462, 0.1352
Android (android.graphics.Color)	4285803689 (0xFF742CA9)
YUV	79.7780, 43.9864, 31.7667
Hunter-Lab	28.9464, 43.4739, -58.2863

Details

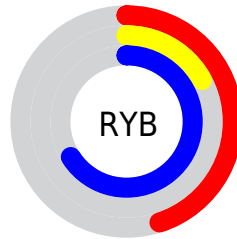
The Android color `4285803689` is a dark color, and the websafe version is hex `660099`. A complement of this color would be `4284590380`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4289487329`, and `4282187892` is the 20% darker color. If you saturate the color by 10%, you get `4285340585`, and if you desaturate by 10%, it is `4286266793`.

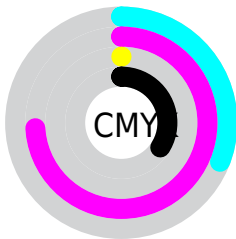
Distribution



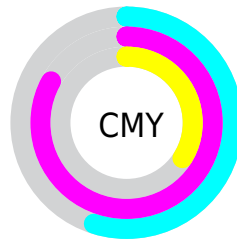
- Red (45%)
- Green (17%)
- Blue (66%)



- Red (45%)
- Yellow (17%)
- Blue (66%)



- Cyan (31%)
- Magenta (74%)
- Yellow (0%)
- Black (34%)



- Cyan (55%)
- Magenta (83%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285803689 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 4285803689 by changing the saturation by 10% instead.

 4285803689

 4285803689

4294967295

 4283960718

 4289487329

 4282187892

 4291394558

 4280287322

 4293302015

 4278190146

 4294947583

 4278190891

 4294954751

 4278190357

 4294962175

 4278190080

 4285803689

 4285803689

 4285340585

 4286266793

■ 4284877481

■ 4286729897

■ 4284547241

■ 4287193001

■ 4287721641

■ 4288184489

■ 4288647593

■ 4289110697

■ 4289573801

■ 4290036905

Harmonies

Analogous

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



4278211017



4285803689



4289265779

Triad

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



4285803689



4286464768



4278217071

Complementary

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



4285803689



4284590380

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.



4278216495



4285803689



4283062272

Square

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



4285803689



4288878080



4278215424



4278216870

Rectangle

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



4285803689



4290052172



4278215424



4278217050

Sweetspot

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



4285803689



4291275739



4281098921



4284633454



4293783021



4285427310

Same Dimension

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



4285803689



4287174875



4289277089



4283518036



4283760788



4278976532

Inverse Universe

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



4289277025



4292548715



4281116980



4283714639



4287889471



4279500809

Previews

White Background



This preview shows how the Android color 4285803689 looks on a white background.

Color Contrast Check

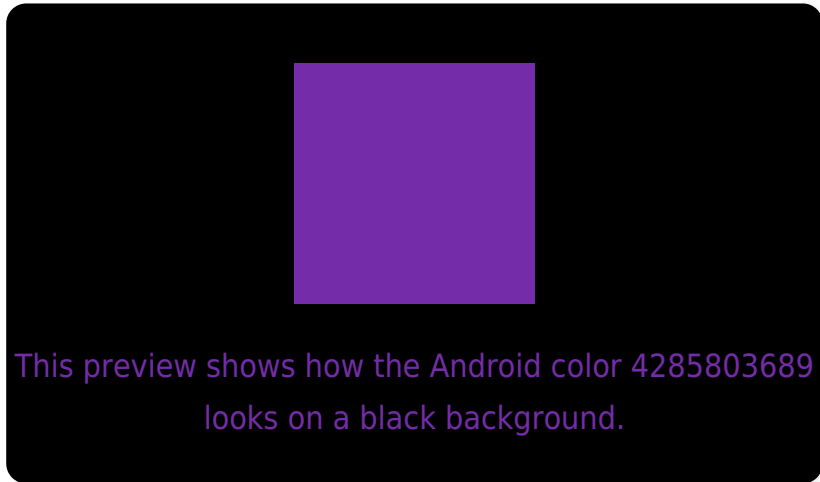
Large Text (above 18pt) WCAG AA ✓ Pass

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

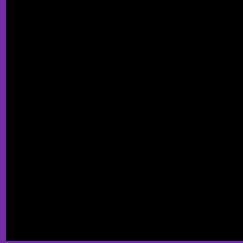
Any Text WCAG AA × Fail

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 4285803689 Background



This preview shows how black text looks on a background with the Android color 4285803689.



This preview shows how white text looks on a background with the Android color 4285803689.

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
4285803689

Protanopia
4278210728

Deuteranopia
4278211731



Tritanopia
4284763217

Trichromacy



Original Color

4285803689



Protanomaly

4280959912



Deuteranomaly

4280960411



Tritanomaly

4285153393

Monochromacy



Original Color

4285803689



Achromatopsia

4283453520



Achromatomaly

4284302192

CSS Examples

Text

The CSS property to change the color of the text to Android 4285803689 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(116, 44, 169)` looks like.

```
.text, #text, p{  
    color:rgb(116, 44, 169)  
}
```

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(116, 44, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 44, 169) }
```

Border

The CSS property to change the border of an element to Android 4285803689 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(116, 44, 169) }
```

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

```
.border{ border-color:rgb(116, 44, 169) }
```

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

Here you see how a box with a 4 pixel rgb(116, 44, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 44, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 44, 169);  
box-shadow:4px 4px 4px 4px rgb(116, 44,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4285803689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 44, 169) }
```

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

```
.background{ background-color: rgb(116, 44,  
169) }
```

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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