

Converting Colors

Android(4285802165)

Have a look what the booklet for
Android(4285802165) contains.

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Color

Android(4285802165)

Conversions

Conversions Part 1

Format	Color
Hex	7426B5
RGB	116, 38, 181
RGB Percent	45%, 15%, 71%
CMY	0.5451, 0.8510, 0.2902
CMYK	0.36, 0.79, 0.00, 0.29
HSL	273°, 65%, 43%
HSV	273°, 79%, 71%
XYZ	16.2361, 8.4354, 44.4885
YIQ	77.6240, 0.5850, 61.0090

Conversions

Conversions Part 2

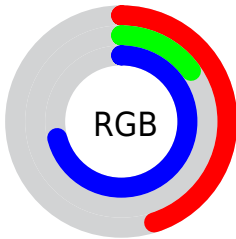
Format	Color
R_{YB}	116, 38, 181
Decimal	7612085
CIE _{Lab}	34.87, 58.14, -60.70
CIE _{LCh}	35, 84.052, 313.771
Yxy	8.4354, 0.2348, 0.1220
Android (android.graphics.Color)	4285802165 (0xFF7426B5)
YUV	77.6240, 50.9644, 33.6558
Hunter-Lab	29.0438, 48.9584, -70.4882

Details

The Android color `4285802165` is a dark color, and the websafe version is hex `660099`. A complement of this color would be `4284986662`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4289551598`, and `4281991295` is the 20% darker color. If you saturate the color by 10%, you get `4285273269`, and if you desaturate by 10%, it is `4286331061`.

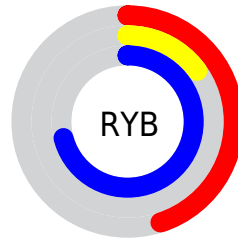
Distribution



Red (45%)

Green (15%)

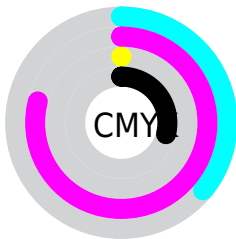
Blue (71%)



Red (45%)

Yellow (15%)

Blue (71%)

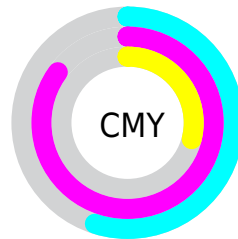


Cyan (36%)

Magenta (79%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (85%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285802165 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 4285802165 by changing the saturation by 10% instead.

 4285802165

 4285802165

4294967295

 4283957402

 4289551598

 4281991295

 4291459071

 4279894117

 4293432063

 4278190156

 4294946559

 4278191156

 4294953727

 4278190622

 4294961151

 4278190080

 4285802165

 4285802165

 4285273269

 4286331061

■ 4284744373

■ 4286859957

■ 4284678325

■ 4287454389

■ 4287983285

■ 4288512437

■ 4289041333

■ 4289635765

■ 4290164661

■ 4290693557

Harmonies

Analogous

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



4278211288



4285802165



4289790073

Triad

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



4285802165



4286726400



4278217585

Complementary

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



4285802165



4284986662

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.



4278217001



4285802165



4282931456

Square

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



4285802165



4289462272



4278215680



4278217647

Rectangle

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



4285802165



4290707533



4278215680



4278217305

Sweetspot

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



4285802165



4291932907



4280707509



4284896117



4294309365



4285887861

Same Dimension

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



4285802165



4286909675



4290062000



4283781209



4283629721



4279107610

Inverse Universe

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



4290061927



4293594225



4280726827



4284043348



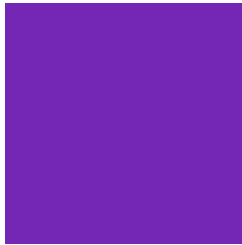
4288217158



4279894028

Previews

White Background



This preview shows how the Android color 4285802165 looks on a white background.

Color Contrast Check

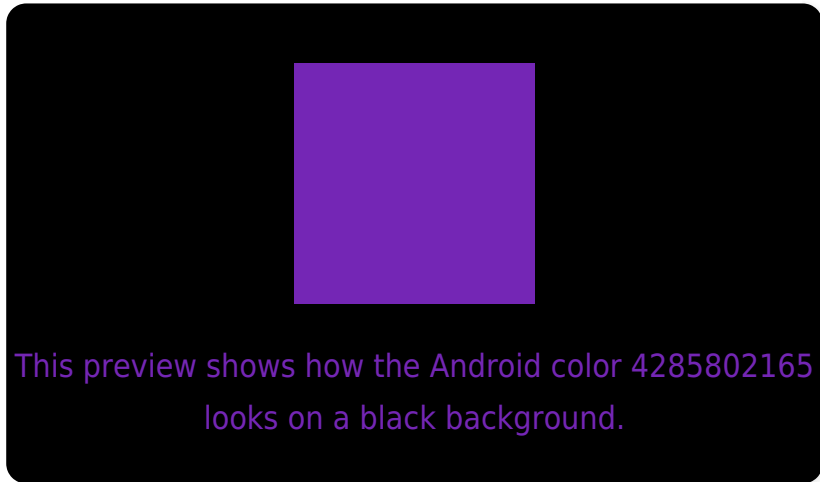
Large Text (above 18pt) WCAG AA ✓ Pass

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

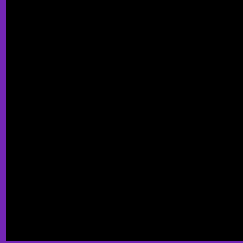
Any Text WCAG AA × Fail

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 4285802165 Background



This preview shows how black text looks on a background with the Android color 4285802165.



This preview shows how white text looks on a background with the Android color 4285802165.

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
4285802165

Protanopia
4278210728

Deuteranopia
4278211986

Trichromacy



Original Color

4285802165



Protanomaly

4280959405



Deuteranomaly

4280960159



Tritanomaly

4285022071

Monochromacy



Original Color

4285802165



Achromatopsia

4283321934



Achromatomaly

4284235635

CSS Examples

Text

The CSS property to change the color of the text to Android 4285802165 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, 38, 181)` looks like.

```
.text, #text, p{  
    color:rgb(116, 38, 181)  
}
```

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, 38, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 38, 181) }
```

Border

The CSS property to change the border of an element to Android 4285802165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

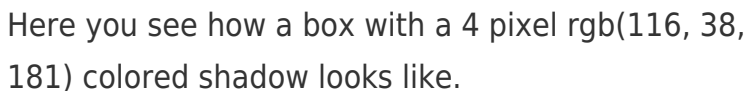
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 38, 181) }
```

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

```
.border{ border-color:rgb(116, 38, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 38, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 38, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 38, 181); box-shadow:4px 4px 4px 4px rgb(116, 38, 181) }
```

Background

The CSS property to change the background color of an element to Android 4285802165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 38, 181) }
```

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

```
.background{ background-color: rgb(116, 38,  
181) }
```

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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