

Converting Colors

Android(4285154016)

Have a look what the booklet for
Android(4285154016) contains.

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Color

Android(4285154016)

Conversions

Conversions Part 1

Format	Color
Hex	6A42E0
RGB	106, 66, 224
RGB Percent	42%, 26%, 88%
CMY	0.5843, 0.7412, 0.1216
CMYK	0.53, 0.71, 0.00, 0.12
HSL	255°, 72%, 57%
HSV	255°, 71%, 88%
XYZ	21.3466, 12.3424, 71.7782
YIQ	95.9720, -26.8780, 57.6180

Conversions

Conversions Part 2

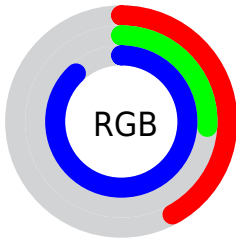
Format	Color
RYB	106, 66, 224
Decimal	6963936
CIELab	41.76, 54.98, -74.49
CIELCh	42, 92.579, 306.432
Yxy	12.3424, 0.2024, 0.1170
Android (android.graphics.Color)	4285154016 (0xFF6A42E0)
YUV	95.9720, 63.1178, 8.7946
Hunter-Lab	35.1318, 46.9788, -96.5440

Details

The Android color `4285154016` 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 `4290306114`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4289164799`, and `4280487335` is the 20% darker color. If you saturate the color by 10%, you get `4284034272`, and if you desaturate by 10%, it is `4286273760`.

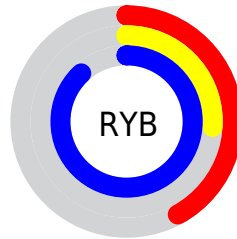
Distribution



Red (42%)

Green (26%)

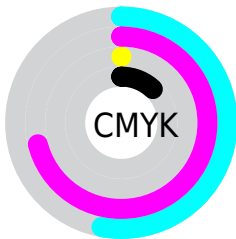
Blue (88%)



Red (42%)

Yellow (26%)

Blue (88%)

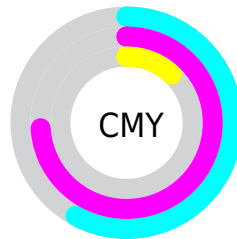


Cyan (53%)

Magenta (71%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (74%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285154016 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 4285154016 by changing the saturation by 10% instead.

 4285154016


 4285154016

4294967295

 4283050435

 4289164799

 4280487335

 4291137791

 4278190220

 4293110783

 4278190194

 4294952959

 4278190168

 4294960127

 4278191936

 4278190889

 4278190355

 4278190080

■ 4285154016

■ 4285154016

■ 4284034272

■ 4286273760

■ 4282979808

■ 4287328224

■ 4281925856

■ 4288447968

■ 4289567968

■ 4290687712

■ 4291741920

■ 4292861920

■ 4293981664

■ 4294967264

Harmonies

Analogous

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



4278217470



4285154016



4291035297

Triad

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



4285154016



4289152256



4278222706

Complementary

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



4285154016



4290306114

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.



4278221852



4285154016



4285162752

Square

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



4285154016



4291887110



4278220032



4278222781

Rectangle

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



4285154016



4292542575



4278220032



4278222423

Sweetspot

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



4285154016



4292332031



4282563040



4285030528



4278190080



4286611584

Same Dimension

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



4285154016



4284294911



4290331360



4285031792



4281139376



4278976560

Inverse Universe

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



4292887224



4294911688



4285128770



4285556077



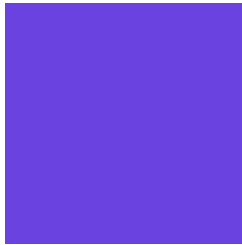
4289724547



4281335844

Previews

White Background



This preview shows how the Android color 4285154016 looks on a white background.

Color Contrast Check

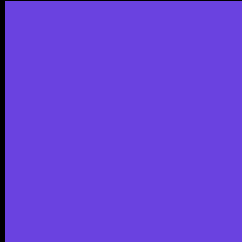
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285154016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

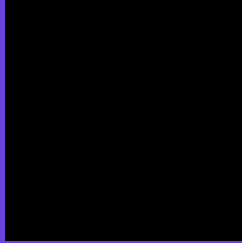
Any Text WCAG AA × Fail

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 4285154016 Background



This preview shows how black text looks on a background with the Android color 4285154016.

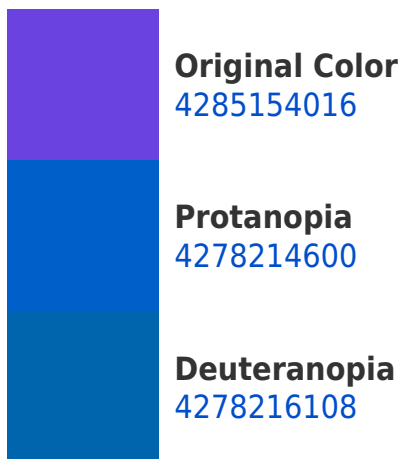


This preview shows how white text looks on a background with the Android color 4285154016.

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



Trichromacy



Original Color

4285154016



Protanomaly

4280767697



Deuteranomaly

4280768703



Tritanomaly

4283652761

Monochromacy



Original Color

4285154016



Achromatopsia

4284506208



Achromatomaly

4284765583

CSS Examples

Text

The CSS property to change the color of the text to Android 4285154016 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(106, 66, 224)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 224)  
}
```

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(106, 66, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 224) }
```

Border

The CSS property to change the border of an element to Android 4285154016 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(106, 66, 224) }
```

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

```
.border{ border-color:rgb(106, 66, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 66, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 224);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4285154016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 224) }
```

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

```
.background{ background-color: rgb(106, 66,  
224) }
```

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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