

Converting Colors

Android(4285140205)

Have a look what the booklet for
Android(4285140205) contains.

Android(4285140205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285140205)

Conversions

Conversions Part 1

Format	Color
Hex	6A0CED
RGB	106, 12, 237
RGB Percent	42%, 5%, 93%
CMY	0.5843, 0.9529, 0.0706
CMYK	0.55, 0.95, 0.00, 0.07
HSL	265°, 90%, 49%
HSV	265°, 95%, 93%
XYZ	21.3614, 9.4415, 80.8173
YIQ	65.7560, -16.2010, 89.9030

Conversions

Conversions Part 2

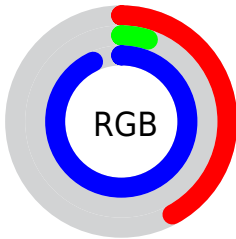
Format	Color
R _Y B	106, 12, 237
Decimal	6950125
CIE Lab	36.82, 76.32, -90.01
CIE LCh	37, 118.012, 310.294
Yxy	9.4415, 0.1914, 0.0846
Android (android.graphics.Color)	4285140205 (0xFF6A0CED)
YUV	65.7560, 84.4233, 35.2940
Hunter-Lab	30.7271, 70.3203, -134.4335

Details

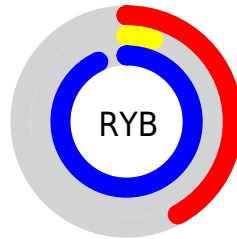
The Android color `4285140205` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed purple. A complement of this color would be `4287622412`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4289352191`, and `4279369907` is the 20% darker color. If you saturate the color by 10%, you get `4284678381`, and if you desaturate by 10%, it is `4286063853`.

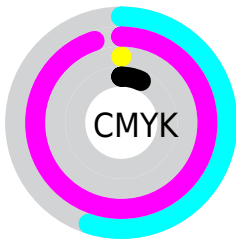
Distribution



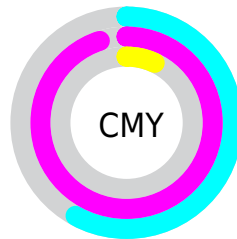
- Red (42%)
- Green (5%)
- Blue (93%)



- Red (42%)
- Yellow (5%)
- Blue (93%)



- Cyan (55%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285140205 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 4285140205 by changing the saturation by 10% instead.

 4285140205

 4285140205

4294967295

 4282777808

 4289352191

 4279369907

 4291456767

 4278190232

 4293495551

 4278190205

 4294944511

 4278190434

 4294951935

 4278192457

 4294959359

 4278191154

4294967039

 4278190364

 4278190080

■ 4285140205

■ 4285140205

■ 4284678381

■ 4286063853

■ 4286987245

■ 4287845357

■ 4288769005

■ 4289692653

■ 4290616045

■ 4291539693

■ 4292397805

■ 4293321197

Harmonies

Analogous

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



4278214655



4285140205



4292083865

Triad

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



4285140205



4288361728



4278219895

Complementary

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



4285140205



4287622412

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.



4278219011



4285140205



4283194880

Square

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



4285140205



4291952640



4278217984



4278220756

Rectangle

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



4285140205



4293525595



4278217984



4278219606

Sweetspot

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



4285140205



4292196607



4279013357



4284896384



4278190080



4286611584

Same Dimension

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



4285140205



4285202687



4292480237



4285426293



4283170997



4279631926

Inverse Universe

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



4293725327



4294901908



4280282380



4285885040



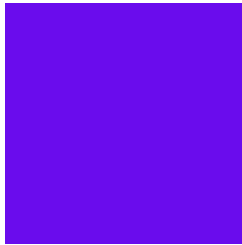
4290052201



4281729055

Previews

White Background



This preview shows how the Android color 4285140205 looks on a white background.

Color Contrast Check

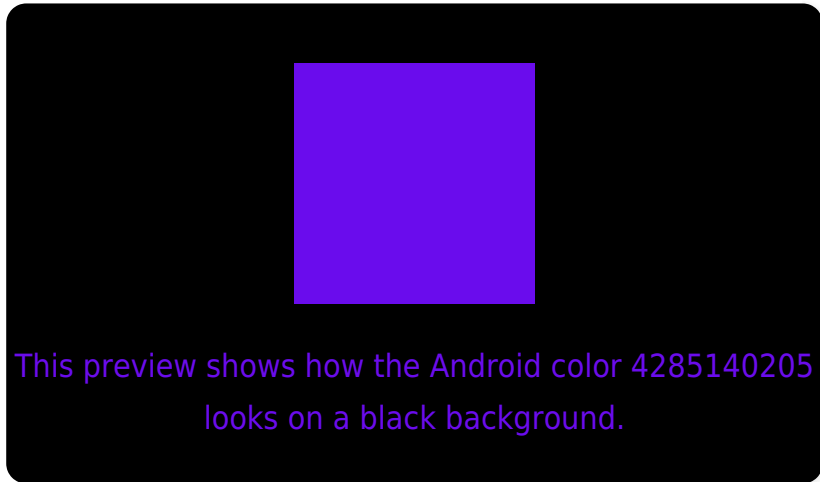
Large Text (above 18pt) WCAG AA ✓ Pass

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

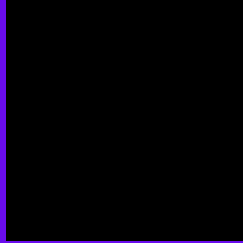
Any Text WCAG AA × Fail

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 4285140205 Background



This preview shows how black text looks on a background with the Android color 4285140205.



This preview shows how white text looks on a background with the Android color 4285140205.

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
4285140205

Protanopia
4278211761

Deuteranopia
4278213271

Trichromacy



Original Color

4285140205



Protanomaly

4280761031



Deuteranomaly

4280762038



Tritanomaly

4283121814

Monochromacy



Original Color

4285140205



Achromatopsia

4282532418



Achromatomaly

4283510400

CSS Examples

Text

The CSS property to change the color of the text to Android 4285140205 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, 12, 237)` looks like.

```
.text, #text, p{  
    color:rgb(106, 12, 237)  
}
```

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, 12, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 12, 237) }
```

Border

The CSS property to change the border of an element to Android 4285140205 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, 12, 237) }
```

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

```
.border{ border-color:rgb(106, 12, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 12, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 12, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 12, 237);  
box-shadow:4px 4px 4px 4px rgb(106, 12,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4285140205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 12, 237) }
```

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

```
.background{ background-color: rgb(106, 12,  
237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor