

Converting Colors

Android(4292642016)

Have a look what the booklet for
Android(4292642016) contains.

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Color

Android(4292642016)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DC84E0 |
| RGB | 220, 132, 224 |
| RGB Percent | 86%, 52%, 88% |
| CMY | 0.1373, 0.4824, 0.1216 |
| CMYK | 0.02, 0.41, 0.00, 0.12 |
| HSL | 297°, 60%, 70% |
| HSV | 297°, 41%, 88% |
| XYZ | 51.2210, 37.1000, 74.9824 |
| YIQ | 168.8000, 22.9160, 47.2680 |

Conversions

Conversions Part 2

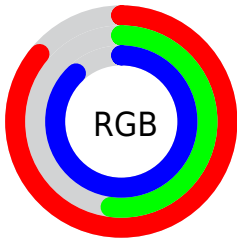
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 220, 132, 224 |
| Decimal | 14451936 |
| CIE _{Lab} | 67.35, 47.61, -32.91 |
| CIE _{LCh} | 67, 57.875, 325.350 |
| Yxy | 37.1000, 0.3137, 0.2272 |
| Android (android.graphics.Color) | 4292642016 (0xFFDC84E0) |
| YUV | 168.8000, 27.2136, 44.9024 |
| Hunter-Lab | 60.9098, 43.5144, -30.3516 |

Details

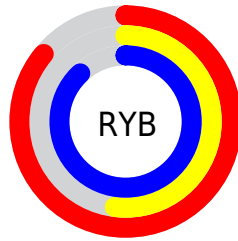
The Android color `4292642016` is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be `4287160452`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4294949887`, and `4288892840` is the 20% darker color. If you saturate the color by 10%, you get `4292570848`, and if you desaturate by 10%, it is `4292713184`.

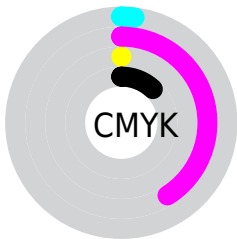
Distribution



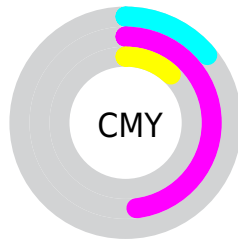
- Red (86%)
- Green (52%)
- Blue (88%)



- Red (86%)
- Yellow (52%)
- Blue (88%)



- Cyan (2%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)

















- Cyan (14%)
- Magenta (48%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color #4292642016 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 #4292642016 by changing the saturation by 10% instead.

| | |
|--|--|
|  4292642016 |  4292642016 |
| 4294967295 |  4290734532 |
|  4294949887 |  4288892840 |
|  4294957055 |  4287116686 |
|  4294964479 |  4285340020 |
| |  4283629659 |
| |  4281925699 |
| |  4280483884 |
| |  4278190358 |
| |  4278190080 |

 4292642016

 4292642016

 4292570848

 4292713184

 4292499424

 4292784608

 4292428256

 4292855776

 4292356832

 4292927200

 4292285664

 4292998368

 4292215008

 4293066720

 4293132256

 4293197792

 4293263328

Harmonies

Analogous

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



4288191231



4292642016



4294866606

Triad

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



4292642016



4291337782



4278238671

Complementary

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



4292642016



4287160452

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.



4278238618



4292642016



4287999551

Square

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



4292642016



4293823311



4283611238



4278237433

Rectangle

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



4292642016



4294932107



4283611238



4278238910

Sweetspot

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



4292642016



4294893823



4286876128



4286541440



4278190080



4286611584

Same Dimension

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



4292642016



4294607615



4292904119



4285556080



4289200304



4281204784

Inverse Universe

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



4292904072



4294935175



4286898349



4285556069



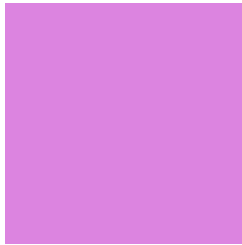
4289724424



4281335810

Previews

White Background



This preview shows how the Android color 4292642016 looks on a white background.

Color Contrast Check

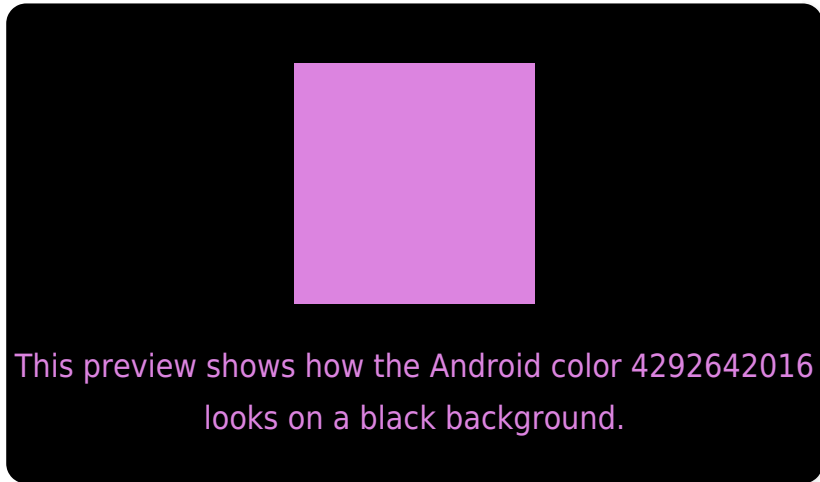
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4292642016 Background



This preview shows how black text looks on a background with the Android color 4292642016.

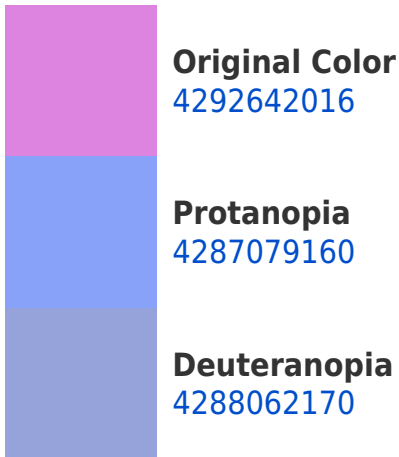


This preview shows how white text looks on a background with the Android color 4292642016.

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
4292642016



Protanomaly
4289107951



Deuteranomaly
4289697756

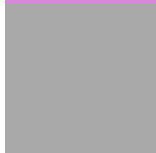


Tritanomaly
4292251062

Monochromacy



Original Color
4292642016



Achromatopsia
4289309097



Achromatomaly
4290550973

CSS Examples

Text

The CSS property to change the color of the text to Android 4292642016 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(220, 132, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 132, 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(220, 132, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 132, 224) }
```

Border

The CSS property to change the border of an element to Android 4292642016 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(220, 132, 224) }
```

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

```
.border{ border-color:rgb(220, 132, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 132, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 132, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 132, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 132,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4292642016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 132, 224) }
```

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

```
.background{ background-color: rgb(220,  
132, 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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