

# Converting Colors

Android(4292024816)

Have a look what the booklet for  
Android(4292024816) contains.

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# **Color**

**Android(4292024816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D319F0
RGB	211, 25, 240
RGB Percent	83%, 10%, 94%
CMY	0.1725, 0.9020, 0.0588
CMYK	0.12, 0.90, 0.00, 0.06
HSL	292°, 88%, 52%
HSV	292°, 90%, 94%
XYZ	42.9398, 20.8354, 84.1965
YIQ	105.1240, 41.8410, 106.2970

# Conversions

## Conversions Part 2

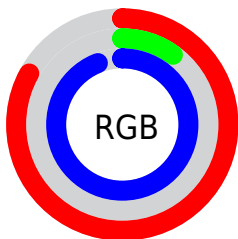
Format	Color
R <sub>YB</sub>	211, 25, 240
Decimal	13834736
CIE Lab	52.77, 87.24, -65.01
CIE LCh	53, 108.796, 323.309
Yxy	20.8354, 0.2902, 0.1408
Android (android.graphics.Color)	4292024816 (0xFFD319F0)
YUV	105.1240, 66.4939, 92.8533
Hunter-Lab	45.6458, 88.0377, -77.4120

# Details

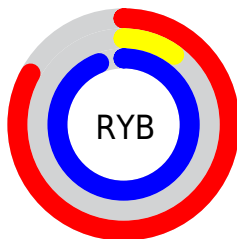
The Android color `4292024816` is a light color, and the websafe version is hex `CC33FF`. The color can be described as light washed magenta. A complement of this color would be `4281790489`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4294928383`, and `4288086199` is the 20% darker color. If you saturate the color by 10%, you get `4291822064`, and if you desaturate by 10%, it is `4292227568`.

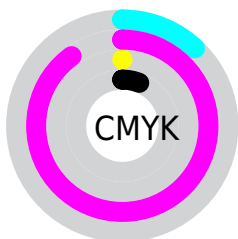
# Distribution



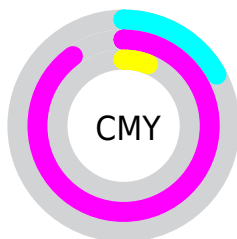
- Red (83%)
- Green (10%)
- Blue (94%)



- Red (83%)
- Yellow (10%)
- Blue (94%)



- Cyan (12%)
- Magenta (90%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (90%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292024816 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 4292024816 by changing the saturation by 10% instead.



 4292024816

 4292024816

4294967295

 4290052307

 4294928383

 4288086199

 4294936319

 4286120091

 4294943999

 4284219520

 4294951679

 4282318950

 4294959359

 4280156237

 4278190133

 4278190623

 4278190082

■ 4292024816

■ 4292024816

■ 4291822064

■ 4292227568

■ 4291821808

■ 4292430320

■ 4292698608

■ 4292901360

■ 4293104112

■ 4293306864

■ 4293575152

■ 4293777904

■ 4293980656

# Harmonies

## Analogous

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



4278219007



4292024816



4294901911

# Triad

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



4292024816



4289426432



4278231495

# Complementary

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



4292024816



4281790489

# 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.



4278230885



4292024816



4283469312

# Square

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



4292024816



4293671680



4278229504



4278231039

# Rectangle

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



4292024816



4294901850



4278229504



4278231463



# Sweetspot

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



4292024816



4294359807



4279843312



4286207872



4278190080



4286611584



# Same Dimension

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



4292024816



4292673791



4293925285



4285951096



4288610488



4281401400



# Inverse Universe

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



4293925174



4294901794



4279890020



4286082157



4290248729



4281860104



# Previews

## White Background



This preview shows how the Android color 4292024816 looks on a white background.

## Color Contrast Check

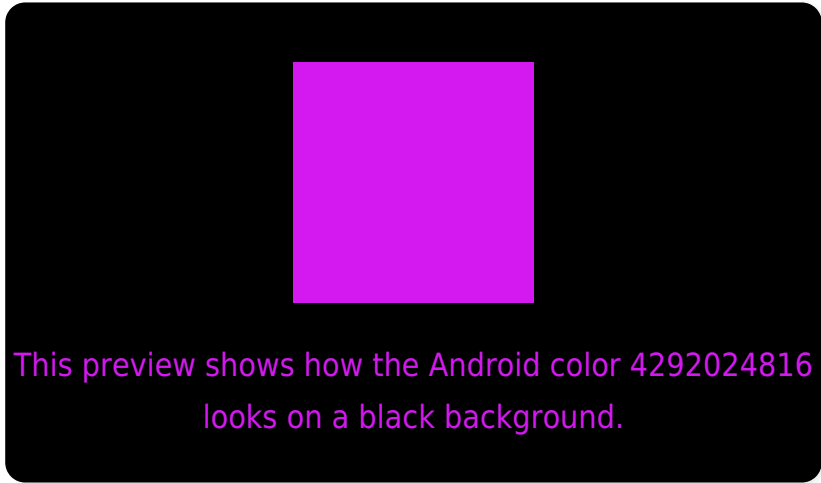
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

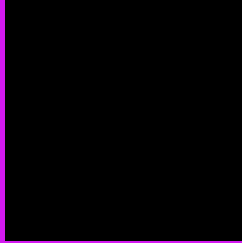
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292024816 Background



This preview shows how black text looks on a background with the Android color 4292024816.



This preview shows how white text looks on a background with the Android color 4292024816.

# 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**  
4292024816

**Protanopia**  
4279925503

**Deuteranopia**  
4280123874



# Trichromacy



**Original Color**  
4292024816



**Protanomaly**  
4284307450



**Deuteranomaly**  
4284439527



**Tritanomaly**  
4291315353

# Monochromacy



**Original Color**  
4292024816



**Achromatopsia**  
4285098345



**Achromatomaly**  
4287646874

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292024816 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(211, 25, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 25, 240)  
}
```

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(211, 25, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 25, 240) }
```

## Border

The CSS property to change the border of an element to Android 4292024816 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(211, 25, 240) }
```

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

```
.border{ border-color:rgb(211, 25, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 25, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 25, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 25, 240);  
box-shadow:4px 4px 4px 4px rgb(211, 25,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4292024816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 25, 240) }
```

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

```
.background{ background-color: rgb(211, 25,  
240) }
```

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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