

# Converting Colors

Android(4291981025)

Have a look what the booklet for  
Android(4291981025) contains.

<b>Android(4291981025)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4291981025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D26EE1
RGB	210, 110, 225
RGB Percent	82%, 43%, 88%
CMY	0.1765, 0.5686, 0.1176
CMYK	0.07, 0.51, 0.00, 0.12
HSL	292°, 66%, 66%
HSV	292°, 51%, 88%
XYZ	45.7449, 30.2897, 74.6696
YIQ	153.0100, 22.6850, 56.9650

# Conversions

## Conversions Part 2

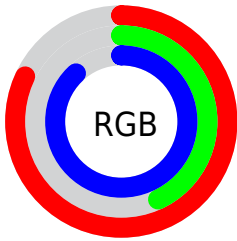
Format	Color
R <sub>Y</sub> B	210, 110, 225
Decimal	13790945
CIE Lab	61.90, 56.05, -42.05
CIE LCh	62, 70.069, 323.117
Yxy	30.2897, 0.3035, 0.2010
Android (android.graphics.Color)	4291981025 (0xFFD26EE1)
YUV	153.0100, 35.4911, 49.9802
Hunter-Lab	55.0361, 52.0523, -41.9158

# Details

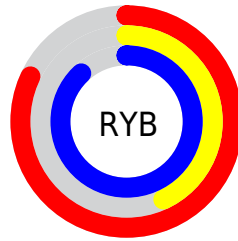
The Android color `4291981025` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286439790`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4294944255`, and `4288231593` is the 20% darker color. If you saturate the color by 10%, you get `4291778785`, and if you desaturate by 10%, it is `4292183521`.

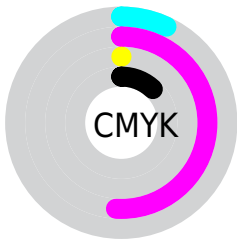
# Distribution



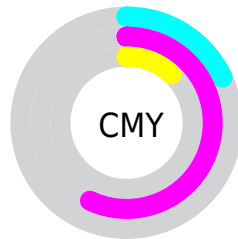
- Red (82%)
- Green (43%)
- Blue (88%)



- Red (82%)
- Yellow (43%)
- Blue (88%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (12%)




- Cyan (18%)
- Magenta (57%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291981025 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 4291981025 by changing the saturation by 10% instead.



 4291981025

 4291981025

4294967295

 4290073541

 4294944255

 4288231593

 4294951423

 4286388622

 4294958847

 4284612724

 4294966271


 4282908763


 4281270339


 4279238700

 4278190358


 4278190080

 4291981025

 4291981025

 4291778785


 4292183521

 4291576289

 4292385761

 4291374049

 4292588257

 4291171553

 4292790497

 4291035361

 4292992993

 4293195233

 4293394401

 4293525473

 4293722081

# Harmonies

## Analogous

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



4286024703



4291981025



4294792871

# Triad

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



4291981025



4290743808



4278235845

# Complementary

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



4291981025



4286439790

# 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.



4278235525



4291981025



4286947584

# Square

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



4291981025



4293620784



4280790086



4278234616

# Rectangle

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



4291981025



4294923645



4280790086



4278235824



# Sweetspot

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



4291981025



4294629887



4285431265



4286409088



4278190080



4286611584



# Same Dimension

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



4291981025



4293616639



4292964023



4285490544



4288217264



4280942640



# Inverse Universe

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



4292963965



4294927224



4285456792



4285556070



4289724439



4281335814



# Previews

## White Background



This preview shows how the Android color 4291981025 looks on a white background.

## Color Contrast Check

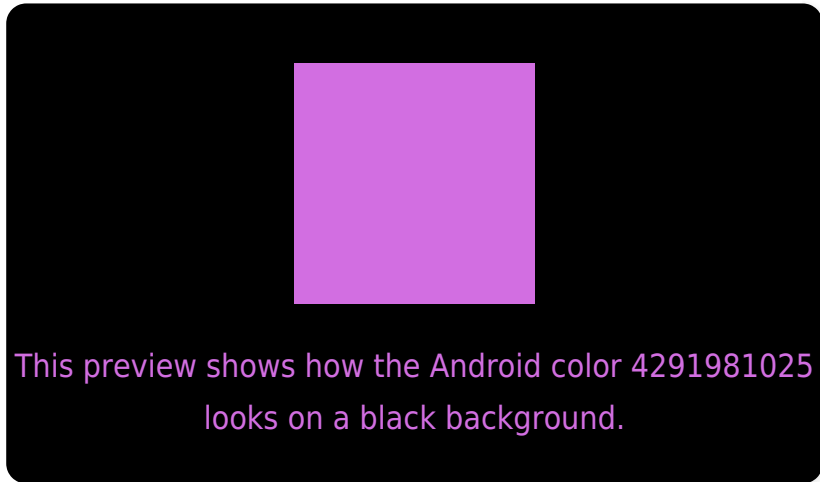
Large Text (above 18pt) WCAG AA × Fail

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

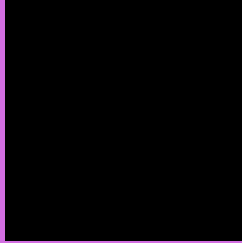
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291981025 Background



This preview shows how black text looks on a background with the Android color 4291981025.




This preview shows how white text looks on a background with the Android color 4291981025.

# 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





**Tritanopia**  
4291265421

# Trichromacy



**Original Color**  
4291981025



**Protanomaly**  
4287530484



**Deuteranomaly**  
4288317405

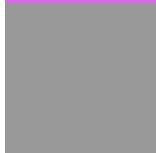


**Tritanomaly**  
4291525548

# Monochromacy



**Original Color**  
4291981025



**Achromatopsia**  
4288256409



**Achromatomaly**  
4289628595

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291981025 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(210, 110, 225)` looks like.

```
.text, #text, p{  
    color:rgb(210, 110, 225)  
}
```

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(210, 110, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 110, 225) }
```

## Border

The CSS property to change the border of an element to Android 4291981025 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(210, 110, 225) }
```

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

```
.border{ border-color:rgb(210, 110, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 110, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 110, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 110, 225);  
box-shadow:4px 4px 4px 4px rgb(210, 110,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4291981025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 110, 225) }
```

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

```
.background{ background-color: rgb(210,  
110, 225) }
```

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