

Converting Colors

Android(4291575244)

Have a look what the booklet for
Android(4291575244) contains.

Android(4291575244)	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(4291575244)

Conversions

Conversions Part 1

Format	Color
Hex	CC3DCC
RGB	204, 61, 204
RGB Percent	80%, 24%, 80%
CMY	0.2000, 0.7608, 0.2000
CMYK	0.00, 0.70, 0.00, 0.20
HSL	300°, 58%, 52%
HSV	300°, 70%, 80%
XYZ	37.4697, 20.5345, 59.1154
YIQ	120.0590, 39.3250, 74.7890

Conversions

Conversions Part 2

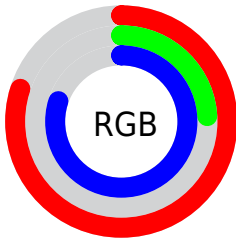
Format	Color
R_{YB}	204, 61, 204
Decimal	13385164
CIE _{Lab}	52.44, 71.64, -45.17
CIE _{LCh}	52, 84.686, 327.770
Yxy	20.5345, 0.3199, 0.1753
Android (android.graphics.Color)	4291575244 (0xFFCC3DCC)
YUV	120.0590, 41.3829, 73.6163
Hunter-Lab	45.3150, 68.2953, -45.6259

Details

The Android color `4291575244` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4282240061`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4294932991`, and `4287758485` is the 20% darker color. If you saturate the color by 10%, you get `4291570124`, and if you desaturate by 10%, it is `4291580364`.

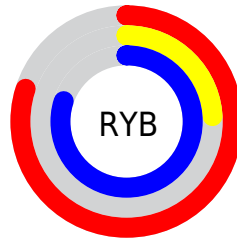
Distribution



Red (80%)

Green (24%)

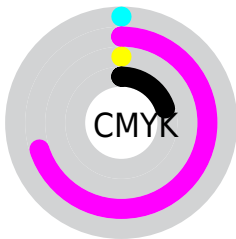
Blue (80%)



Red (80%)

Yellow (24%)

Blue (80%)

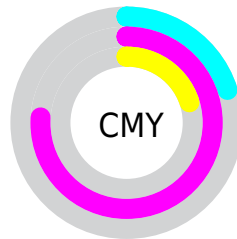


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (20%)


Magenta (76%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291575244 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 4291575244 by changing the saturation by 10% instead.

 4291575244

 4291575244

4294967295

 4289664688

 4294932991

 4287758485

 4294940415

 4285857915

 4294947839

 4284088417

 4294955263


 4282318921


 4294962943

 4280483889

 4278190363

 4278190080

 4291575244

 4291575244

4291570124

4291580364

4291564748

4291585740

4291559628

4291590860

4291596236

4291601356

4291606476

4291611852

4291616972

4291622348

Harmonies

Analogous

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



4284574975



4291575244



4294246534

Triad

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



4291575244



4288510208



4278229952

Complementary

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



4291575244



4282240061

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.



4278229621



4291575244



4283796480

Square

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



4291575244



4291974912



4278228517



4278228985

Rectangle

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



4291575244



4294443094



4278228517



4278229928

Sweetspot

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



4291575244



4294953471



4282203596



4286603392



4278190080



4286611584

Same Dimension

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



4291575244



4294912511



4291575173



4284898406



4289069222



4280680486

Inverse Universe

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



4291575244



4294912511



4282240133



4284898406



4289069222



4280680486

Previews

White Background



This preview shows how the Android color 4291575244 looks on a white background.

Color Contrast Check

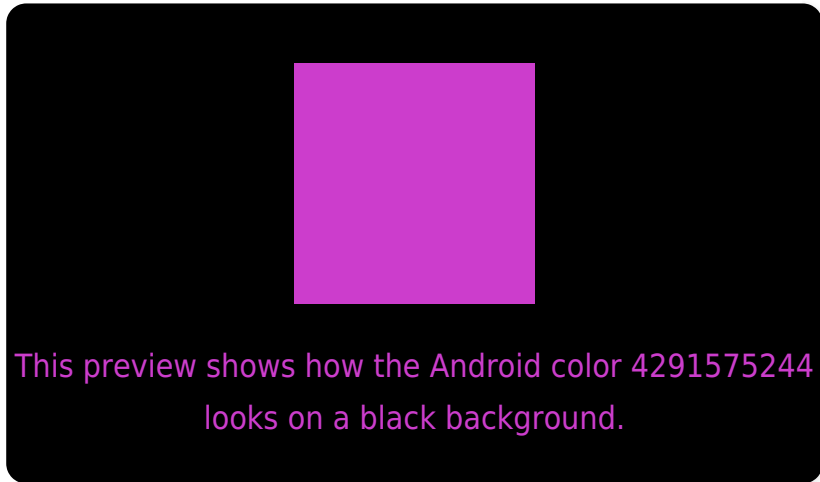
Large Text (above 18pt) WCAG AA ✓ Pass

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

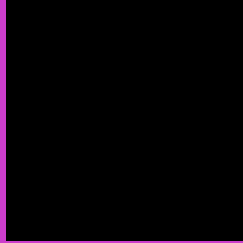
Any Text WCAG AA ✓ Pass

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 4291575244 Background



This preview shows how black text looks on a background with the Android color 4291575244.



This preview shows how white text looks on a background with the Android color 4291575244.

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

4291575244



Protanomaly

4284113900



Deuteranomaly

4286867142



Tritanomaly

4291056523

Monochromacy



Original Color

4291575244



Achromatopsia

4286085240



Achromatomaly

4288111511

CSS Examples

Text

The CSS property to change the color of the text to Android 4291575244 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(204, 61, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 61, 204)  
}
```

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(204, 61, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 61, 204) }
```

Border

The CSS property to change the border of an element to Android 4291575244 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(204, 61, 204) }
```

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

```
.border{ border-color:rgb(204, 61, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 61, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 61, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 61, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 61,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4291575244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 61, 204) }
```

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

```
.background{ background-color: rgb(204, 61,  
204) }
```

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