

# Converting Colors

Android(4291580592)

Have a look what the booklet for  
Android(4291580592) contains.

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# **Color**

**Android(4291580592)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC52B0
RGB	204, 82, 176
RGB Percent	80%, 32%, 69%
CMY	0.2000, 0.6784, 0.3098
CMYK	0.00, 0.60, 0.14, 0.20
HSL	314°, 54%, 56%
HSV	314°, 60%, 80%
XYZ	35.7556, 22.0065, 43.4375
YIQ	129.1940, 42.5380, 55.0980

# Conversions

## Conversions Part 2

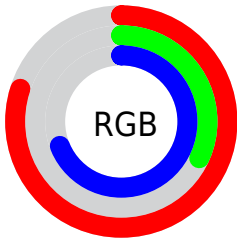
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 82, 176
Decimal	13390512
CIE <sub>Lab</sub>	54.03, 59.07, -26.48
CIE <sub>LCh</sub>	54, 64.737, 335.853
Yxy	22.0065, 0.3533, 0.2175
Android (android.graphics.Color)	4291580592 (0xFFCC52B0)
YUV	129.1940, 23.0754, 65.6049
Hunter-Lab	46.9111, 53.9580, -22.0619

# Details

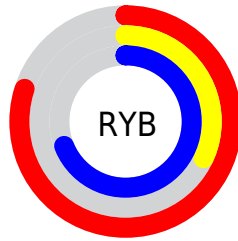
The Android color `4291580592` is a light color, and the websafe version is hex `CC66CC`. The color can be described as light muted rose. A complement of this color would be `4283616366`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4294937320`, and `4287828603` is the 20% darker color. If you saturate the color by 10%, you get `4291575467`, and if you desaturate by 10%, it is `4291585717`.

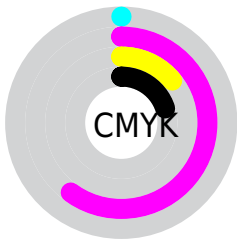
# Distribution



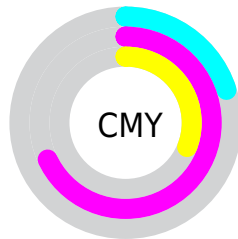
- Red (80%)
- Green (32%)
- Blue (69%)



- Red (80%)
- Yellow (32%)
- Blue (69%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (20%)




- Cyan (20%)
- Magenta (68%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291580592 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 4291580592 by changing the saturation by 10% instead.



 4291580592

 4291580592

4294967295

 4289672597

 4294937320

 4287828603

 4294944511

 4285988962

 4294951679

 4284219466

 4294959103


 4282449971


 4294966783


 4280746013


 4278190080

 4291580592

 4291580592

 4291575467

 4291585717

 4291570087

 4291591097

 4291564962

 4291596222

 4291559581

 4291601603

 4291606727

 4291611852

 4291617233

 4291622357

 4291624922

# Harmonies

## Analogous

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



4287589853



4291580592



4293084537

# Triad

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



4291580592



4287726080



4278229697

# Complementary

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



4291580592



4283616366

# 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.



4278229899



4291580592



4283863063

# Square

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



4291580592



4290735373



4278229073



4278227943

# Rectangle

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



4291580592



4293020756



4278229073



4278229681



# Sweetspot

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



4291580592



4294955508



4285289164



4286604153



4278190080



4286611584



# Same Dimension

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



4291580592



4294920149



4291580533



4284898404



4289069184



4280680477



# Inverse Universe

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



4291580592



4294920149



4283616425



4284898404



4289069184



4280680477



# Previews

## White Background



This preview shows how the Android color 4291580592 looks on a white background.

## Color Contrast Check

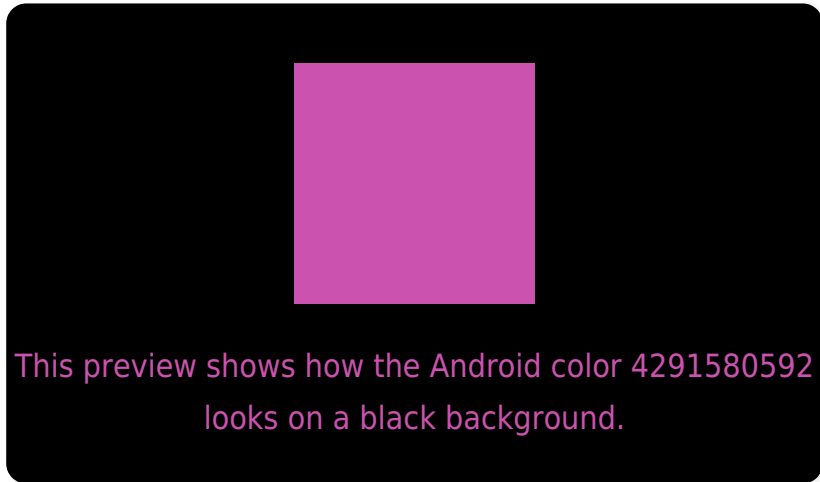
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291580592 Background



This preview shows how black text looks on a background with the Android color 4291580592.



This preview shows how white text looks on a background with the Android color 4291580592.

# 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**

4291580592



**Protanomaly**

4287066055



**Deuteranomaly**

4288114604



**Tritanomaly**

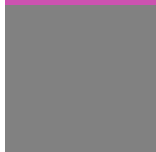
4291321220

# Monochromacy



**Original Color**

4291580592



**Achromatopsia**

4286677377



**Achromatomaly**

4288442514

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291580592 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, 82, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 82, 176)  
}
```

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, 82, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 82, 176) }
```

## Border

The CSS property to change the border of an element to Android 4291580592 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, 82, 176) }
```

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

```
.border{ border-color:rgb(204, 82, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 82, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 82, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 82, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 82,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4291580592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 82, 176) }
```

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

```
.background{ background-color: rgb(204, 82,  
176) }
```

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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