

# Converting Colors

Android(4291324580)

Have a look what the booklet for  
Android(4291324580) contains.

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# **Color**

**Android(4291324580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C86AA4
RGB	200, 106, 164
RGB Percent	78%, 42%, 64%
CMY	0.2157, 0.5843, 0.3569
CMYK	0.00, 0.47, 0.18, 0.22
HSL	323°, 46%, 60%
HSV	323°, 47%, 78%
XYZ	35.6743, 25.2678, 38.1189
YIQ	140.7180, 37.4060, 37.9660

# Conversions

## Conversions Part 2

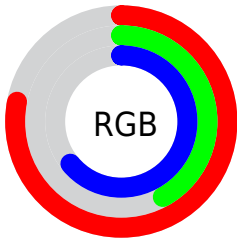
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 106, 164
Decimal	13134500
CIE Lab	57.34, 44.57, -14.52
CIE LCh	57, 46.873, 341.957
Yxy	25.2678, 0.3601, 0.2551
Android (android.graphics.Color)	4291324580 (0xFFC86AA4)
YUV	140.7180, 11.4780, 51.9903
Hunter-Lab	50.2671, 38.7133, -9.7743

# Details

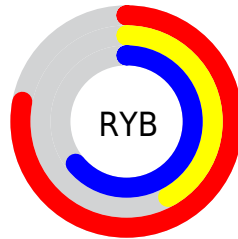
The Android color `4291324580` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `4285188238`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4294942939`, and `4287641200` is the 20% darker color. If you saturate the color by 10%, you get `4291319452`, and if you desaturate by 10%, it is `4291329708`.

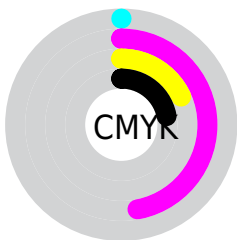
# Distribution



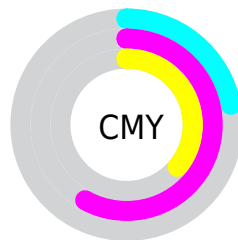
- Red (78%)
- Green (42%)
- Blue (64%)



- Red (78%)
- Yellow (42%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (22%)




- Cyan (22%)
- Magenta (58%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291324580 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 4291324580 by changing the saturation by 10% instead.



 4291324580

 4291324580

4294967295

 4289482890

 4294942939

 4287641200

 4294949880

 4285864536

 4294957311

 4284088384


 4294964735


 4282384426


 4280942614


 4278190080

 4291324580

 4291324580


 4291319452

 4291329708

 4291314325

 4291334835

 4291309197

 4291339963

 4291304069

 4291345091

 4291298942

 4291350218

 4291297403

 4291355346

 4291360474

 4291362785

 4291362793

# Harmonies

## Analogous

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



4288837831



4291324580



4292241019

# Triad

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



4291324580



4287728949



4278230207

# Complementary

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



4291324580



4285188238

# 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.



4278230681



4291324580



4284782410

# Square

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



4291324580



4290084666



4279868527



4278228439

# Rectangle

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



4291324580



4292045665



4279868527



4278230452



# Sweetspot

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



4291324580



4294958065



4287392456



4286605943



4278190080



4286611584



# Same Dimension

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



4291324580



4294930632



4291324535



4284701280



4288872549



4280549398



# Inverse Universe

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



4291324580



4294930632



4285188283



4284701280



4288872549



4280549398



# Previews

## White Background



This preview shows how the Android color 4291324580 looks on a white background.

## Color Contrast Check

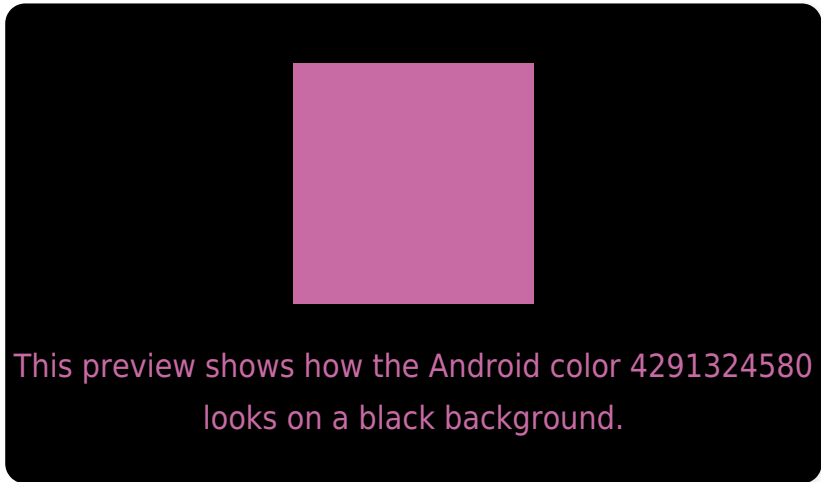
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291324580 Background



This preview shows how black text looks on a background with the Android color 4291324580.



This preview shows how white text looks on a background with the Android color 4291324580.

# 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**  
4291324580

**Protanopia**  
4286351545

**Deuteranopia**  
4287530911



# Trichromacy



**Original Color**  
4291324580

**Protanomaly**  
4288183729

**Deuteranomaly**  
4288904353

**Tritanomaly**  
4291129226

# Monochromacy



**Original Color**  
4291324580

**Achromatopsia**  
4287466893

**Achromatomaly**  
4288839829

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291324580 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(200, 106, 164)` looks like.

```
.text, #text, p{  
    color:rgb(200, 106, 164)  
}
```

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(200, 106, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 106, 164) }
```

## Border

The CSS property to change the border of an element to Android 4291324580 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(200, 106, 164) }
```

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

```
.border{ border-color:rgb(200, 106, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 106, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 106, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 106, 164);  
box-shadow:4px 4px 4px 4px rgb(200, 106,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4291324580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 106, 164) }
```

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

```
.background{ background-color: rgb(200,  
106, 164) }
```

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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