

# Converting Colors

Android(4290476524)

Have a look what the booklet for  
Android(4290476524) contains.

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# **Color**

**Android(4290476524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB79EC
RGB	187, 121, 236
RGB Percent	73%, 47%, 93%
CMY	0.2667, 0.5255, 0.0745
CMYK	0.21, 0.49, 0.00, 0.07
HSL	274°, 75%, 70%
HSV	274°, 49%, 93%
XYZ	42.4712, 30.2957, 82.9661
YIQ	153.8440, 2.4210, 49.7570

# Conversions

## Conversions Part 2

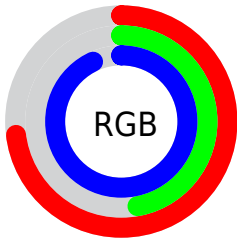
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 121, 236
Decimal	12286444
CIELab	61.91, 46.44, -48.35
CIELCh	62, 67.043, 313.849
Yxy	30.2957, 0.2727, 0.1945
Android (android.graphics.Color)	4290476524 (0xFFBB79EC)
YUV	153.8440, 40.5029, 29.0778
Hunter-Lab	55.0415, 41.4118, -50.8409

# Details

The Android color `4290476524` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289391737`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4294291455`, and `4286793396` is the 20% darker color. If you saturate the color by 10%, you get `4289815020`, and if you desaturate by 10%, it is `4291138028`.

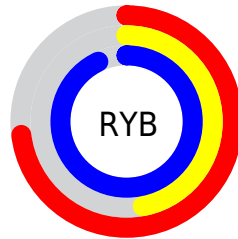
# Distribution



Red (73%)

Green (47%)

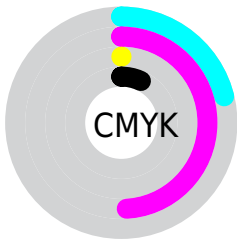
Blue (93%)



Red (73%)

Yellow (47%)

Blue (93%)

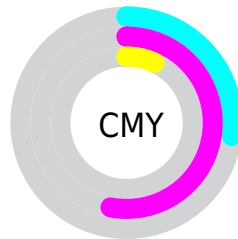


Cyan (21%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (53%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290476524 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 4290476524 by changing the saturation by 10% instead.



 4290476524

 4290476524

4294967295

 4288634831

 4294291455

 4286793396

 4294953983

 4285017240

 4294961151

 4283240830

 4281466980

 4279828556

 4278190132

 4278190622

 4278190080

 4290476524

 4290476524

 4289815020

 4291138028

 4289153772

 4291799276

 4288492268

 4292460780

 4287831020

 4293122028

 4287169516

 4293783532

 4287037676

 4294442988

 4294967276

# Harmonies

## Analogous

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



4283143167



4290476524



4293943480

# Triad

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



4290476524



4291659538



4278235568

# Complementary

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



4290476524



4289391737

# 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.



4278234994



4290476524



4288256768

# Square

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



4290476524



4294078021



4283738168



4278235111

# Rectangle

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



4290476524



4294859152



4283738168



4278235548



# Sweetspot

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



4290476524



4293908991



4286163948



4285950336



4278190080



4286611584



# Same Dimension

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



4290476524



4290800639



4293687780



4285557365



4285006005



4280221750



# Inverse Universe

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



4293687722



4294929322



4286180481



4285885039



4290052173

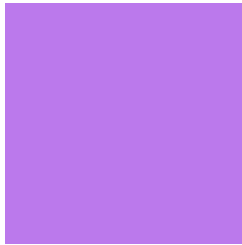


4281729047



# Previews

## White Background



This preview shows how the Android color 4290476524 looks on a white background.

## Color Contrast Check

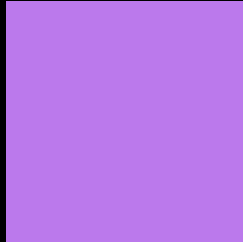
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290476524 looks on a 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 4290476524 Background



This preview shows how black text looks on a background with the Android color 4290476524.



This preview shows how white text looks on a background with the Android color 4290476524.

# 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**  
4290476524

**Protanopia**  
4284977919

**Deuteranopia**  
4285371878



**Tritanopia**  
4289564056

# Trichromacy



**Original Color**

4290476524



**Protanomaly**

4287007224



**Deuteranomaly**

4287204328



**Tritanomaly**

4289889975

# Monochromacy



**Original Color**

4290476524



**Achromatopsia**

4288322202



**Achromatomaly**

4289105592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290476524 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(187, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 236)  
}
```

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(187, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 236) }
```

## Border

The CSS property to change the border of an element to Android 4290476524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

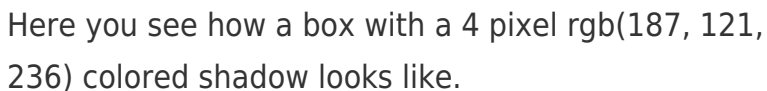
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 121, 236) }
```

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

```
.border{ border-color:rgb(187, 121, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 121, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 121, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 121, 236);  
box-shadow:4px 4px 4px 4px rgb(187, 121,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4290476524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 236) }
```

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

```
.background{ background-color: rgb(187,  
121, 236) }
```

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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