

# Converting Colors

Android(4290405558)

Have a look what the booklet for  
Android(4290405558) contains.

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# **Color**

**Android(4290405558)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA64B6
RGB	186, 100, 182
RGB Percent	73%, 39%, 71%
CMY	0.2706, 0.6078, 0.2863
CMYK	0.00, 0.46, 0.02, 0.27
HSL	303°, 38%, 56%
HSV	303°, 46%, 73%
XYZ	33.2504, 22.9308, 46.9296
YIQ	135.0620, 24.9340, 43.7340

# Conversions

## Conversions Part 2

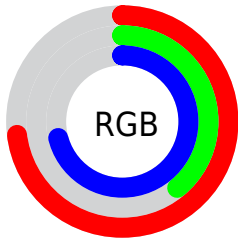
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 100, 182
Decimal	12215478
CIELab	55.00, 46.27, -28.66
CIELCh	55, 54.426, 328.226
Yxy	22.9308, 0.3225, 0.2224
Android (android.graphics.Color)	4290405558 (0xFFBA64B6)
YUV	135.0620, 23.1404, 44.6726
Hunter-Lab	47.8862, 40.1430, -24.5853

# Details

The Android color `4290405558` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4284791400`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4294220270`, and `4286787713` is the 20% darker color. If you saturate the color by 10%, you get `4290400693`, and if you desaturate by 10%, it is `4290410423`.

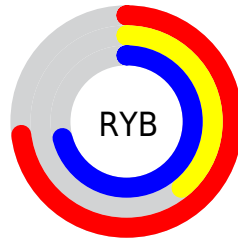
# Distribution



Red (73%)

Green (39%)

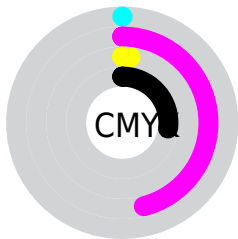
Blue (71%)



Red (73%)

Yellow (39%)

Blue (71%)

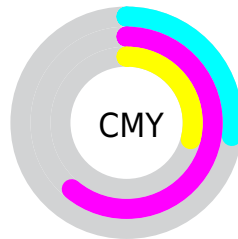


Cyan (0%)

Magenta (46%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290405558 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 4290405558 by changing the saturation by 10% instead.



 4290405558

 4290405558

4294967295

 4288563867

 4294220270

 4286787713

 4294948351

 4285010791

 4294955519

 4283301967

 4294962943

 4281663544

 4280090658

 4278190087

 4278190080

 4290405558

 4290405558

 4290400693

 4290410423

 4290396084

 4290415032

 4290391219

 4290419897

 4290386611

 4290424505

 4290381746

 4290429370

 4290379953

 4290434235

 4290438844

 4290443709

 4290445246

# Harmonies

## Analogous

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



4286544087



4290405558



4292237192

# Triad

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



4290405558



4288577563



4278229679

# Complementary

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



4290405558



4284791400

# 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.



4278229631



4290405558



4285566505

# Square

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



4290405558



4290932275



4280981072



4278228435

# Rectangle

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



4290405558



4292434281



4280981072



4278229664



# Sweetspot

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



4290405558



4294103281



4284966074



4286211705



4294638330



4286216826



# Same Dimension

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



4290405558



4294077932



4290405516



4284240731



4288413844



4280025115



# Inverse Universe

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



4290405558



4294077932



4284791442



4284240731



4288413844

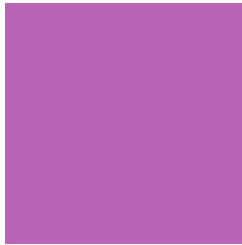


4280025115



# Previews

## White Background



This preview shows how the Android color 4290405558 looks on a white background.

## Color Contrast Check

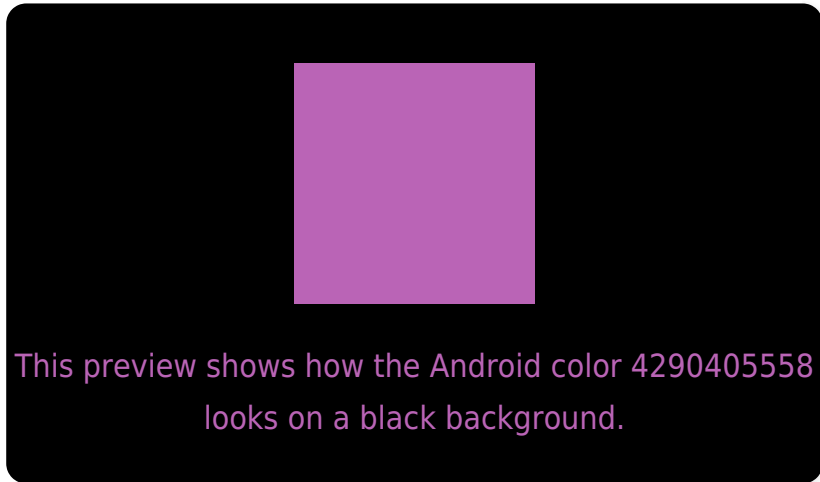
Large Text (above 18pt) WCAG AA ✓ Pass

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

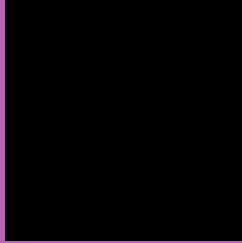
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4290405558 Background



This preview shows how black text looks on a background with the Android color 4290405558.



This preview shows how white text looks on a background with the Android color 4290405558.

# 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

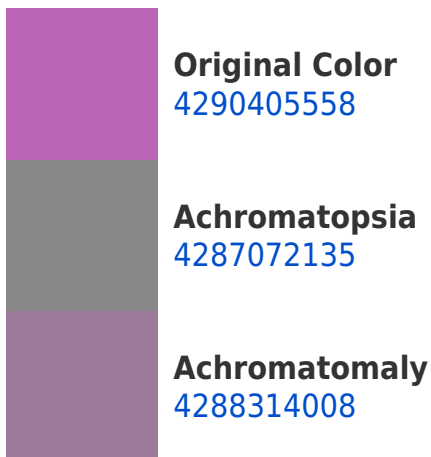




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290405558 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(186, 100, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 100, 182)  
}
```

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(186, 100, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 100, 182) }
```

## Border

The CSS property to change the border of an element to Android 4290405558 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(186, 100, 182) }
```

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

```
.border{ border-color:rgb(186, 100, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 100, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 100, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 100, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 100,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4290405558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 100, 182) }
```

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

```
.background{ background-color: rgb(186,  
100, 182) }
```

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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