

# Converting Colors

Android(4284629206)

Have a look what the booklet for  
Android(4284629206) contains.

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# Color

**Android(4284629206)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6240D6                     |
| RGB           | 98, 64, 214                |
| RGB Percent   | 38%, 25%, 84%              |
| CMY           | 0.6157, 0.7490, 0.1608     |
| CMYK          | 0.54, 0.70, 0.00, 0.16     |
| HSL           | 254°, 65%, 55%             |
| HSV           | 254°, 70%, 84%             |
| XYZ           | 19.0080, 11.1185, 64.7626  |
| YIQ           | 91.2660, -27.8860, 53.8580 |

# Conversions

## Conversions Part 2

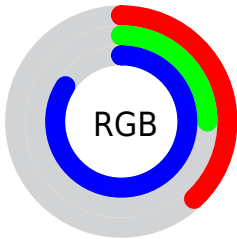
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 98, 64, 214                   |
| Decimal                             | 6439126                       |
| CIE <sub>Lab</sub>                  | 39.78, 51.97, -72.03          |
| CIE <sub>LCh</sub>                  | 40, 88.816, 305.810           |
| Yxy                                 | 11.1185, 0.2003,<br>0.1172    |
| Android<br>(android.graphics.Color) | 4284629206<br>(0xFF6240D6)    |
| YUV                                 | 91.2660, 60.5079,<br>5.9057   |
| Hunter-Lab                          | 33.3444, 43.4013,<br>-91.8138 |

# Details

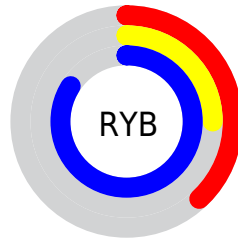
The Android color `4284629206` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4290041408`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4288574463`, and `4279700894` is the 20% darker color. If you saturate the color by 10%, you get `4283509718`, and if you desaturate by 10%, it is `4285748694`.

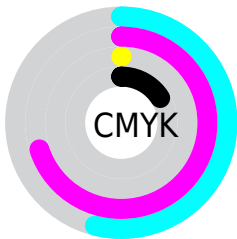
# Distribution



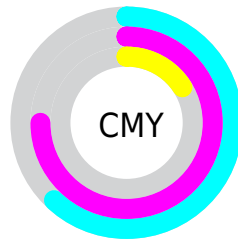
- Red (38%)
- Green (25%)
- Blue (84%)



- Red (38%)
- Yellow (25%)
- Blue (84%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (75%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284629206 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 4284629206 by changing the saturation by 10% instead.



 4284629206

 4284629206

4294967295

 4282525626

 4288574463

 4279700894

 4290547199

 4278190211

 4292520191

 4278190185

 4294558975

 4278191184

 4294959359

 4278191416

4294966783

 4278190625

 4278190087

 4278190080

■ 4284629206

■ 4284629206

■ 4283509718

■ 4285748694

■ 4282455510

■ 4286802902

■ 4281401558

■ 4287922390

■ 4288976598

■ 4290096086

■ 4291150038

■ 4292269782

■ 4293323734

■ 4294442966

# Harmonies

## Analogous

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



4278216178



4284629206



4290379931

# Triad

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



4284629206



4288692480



4278220907

# Complementary

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



4284629206



4290041408

# 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.



4278220313



4284629206



4284964864

# Square

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



4284629206



4291297289



4278218496



4278221234

# Rectangle

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



4284629206



4291821675



4278218496



4278220881



# Sweetspot

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



4284629206



4292266495



4282431190



4284964992



4278190080



4286611584



# Same Dimension

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



4284629206



4284033535



4289478870



4284702827



4280746155



4278845483



# Inverse Universe

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



4292231348



4294912462



4285257280



4285227113



4289396868

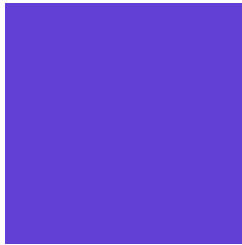


4281008162



# Previews

## White Background



This preview shows how the Android color 4284629206 looks on a white background.

## Color Contrast Check

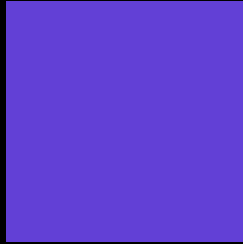
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284629206 looks on a black 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

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



# Android 4284629206 Background



This preview shows how black text looks on a background with the Android color 4284629206.



This preview shows how white text looks on a background with the Android color 4284629206.

# 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**

4284629206

**Protanopia**

4278213310

**Deuteranopia**

4278214820



# Trichromacy



**Original Color**

4284629206



**Protanomaly**

4280570311



**Deuteranomaly**

4280571062



**Tritanomaly**

4283127442

# Monochromacy



**Original Color**

4284629206



**Achromatopsia**

4284177243



**Achromatomaly**

4284371336

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284629206 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(98, 64, 214)` looks like.

```
.text, #text, p{  
    color:rgb(98, 64, 214)  
}
```

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(98, 64, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 64, 214) }
```

## Border

The CSS property to change the border of an element to Android 4284629206 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(98, 64, 214) }
```

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

```
.border{ border-color:rgb(98, 64, 214) }
```

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

Here you see how a box with a 4 pixel rgb(98, 64, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 64, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 64, 214);  
box-shadow:4px 4px 4px 4px rgb(98, 64,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4284629206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 64, 214) }
```

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

```
.background{ background-color: rgb(98, 64,  
214) }
```

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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