

Converting Colors

Android(4284700584)

Have a look what the booklet for
Android(4284700584) contains.

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Color

Android(4284700584)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6357A8 |
| RGB | 99, 87, 168 |
| RGB Percent | 39%, 34%, 66% |
| CMY | 0.6118, 0.6588, 0.3412 |
| CMYK | 0.41, 0.48, 0.00, 0.34 |
| HSL | 249°, 32%, 50% |
| HSV | 249°, 48%, 66% |
| XYZ | 15.6217, 12.2962, 38.5958 |
| YIQ | 99.8220, -18.8490, 27.7350 |

Conversions

Conversions Part 2

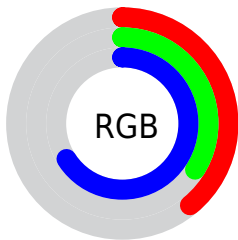
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 87, 168 |
| Decimal | 6510504 |
| CIE _{Lab} | 41.68, 25.25, -42.09 |
| CIE _{LCh} | 42, 49.083, 300.960 |
| Yxy | 12.2962, 0.2349, 0.1849 |
| Android (android.graphics.Color) | 4284700584 (0xFF6357A8) |
| YUV | 99.8220, 33.6118, -0.7209 |
| Hunter-Lab | 35.0659, 18.1553, -40.7123 |

Details

The Android color `4284700584` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4288456791`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4288252384`, and `4281215347` is the 20% darker color. If you saturate the color by 10%, you get `4283778728`, and if you desaturate by 10%, it is `4285622440`.

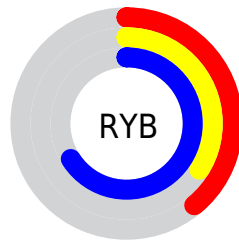
Distribution



Red (39%)

Green (34%)

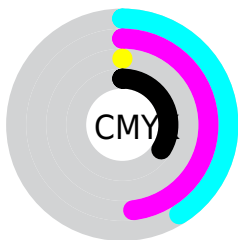
Blue (66%)



Red (39%)

Yellow (34%)

Blue (66%)

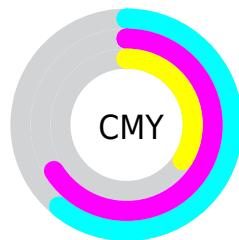


Cyan (41%)

Magenta (48%)

Yellow (0%)

Black (34%)



Cyan (61%)

Magenta (66%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284700584 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 4284700584 by changing the saturation by 10% instead.

■ 4284700584

■ 4284700584

4294967295

■ 4282990733

■ 4288252384

■ 4281215347

■ 4290094077

■ 4279113050

■ 4291935999

■ 4278190146

■ 4293843711

■ 4278190891

■ 4294965247

■ 4278190358

■ 4278190080

■ 4284700584

■ 4284700584

■ 4283778728

■ 4285622440

■ 4282791336

■ 4286609832

■ 4281869736

■ 4287531432

■ 4280947880

■ 4288453288

■ 4279960488

■ 4289440680

■ 4279828648

■ 4290362536

■ 4291284392

■ 4292205992

■ 4293193384

Harmonies

Analogous

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



4278216627



4284700584



4287907210

Triad

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



4284700584



4287910169



4278220130

Complementary

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



4284700584



4288456791

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.



4278219321



4284700584



4285882624

Square

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



4284700584



4289151035



4283198484



4278220171

Rectangle

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



4284700584



4288953200



4283198484



4278219860

Sweetspot

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



4284700584



4290887131



4283932072



4284373870



4293783021



4285427310

Same Dimension

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



4284700584



4285488347



4287256488



4283255892



4279632020



4278386708

Inverse Universe

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



4289222556



4292566216



4285900887



4283714643



4287889534



4279500817

Previews

White Background



This preview shows how the Android color 4284700584 looks on a white background.

Color Contrast Check

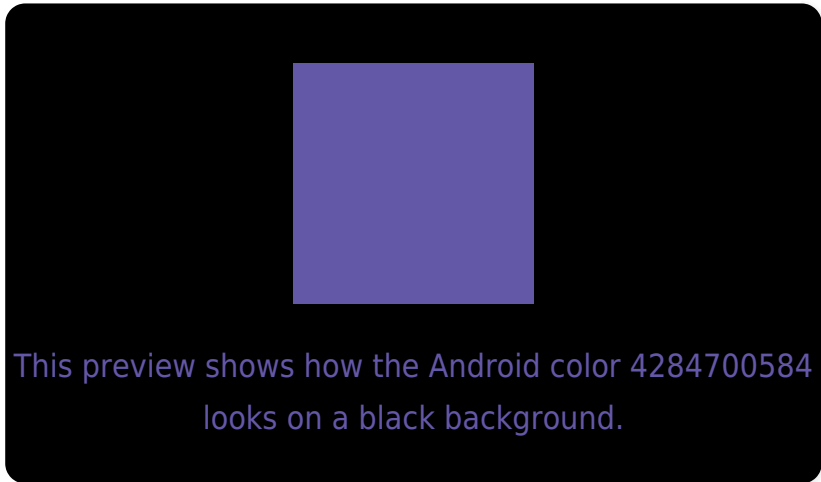
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4284700584 Background



This preview shows how black text looks on a background with the Android color 4284700584.

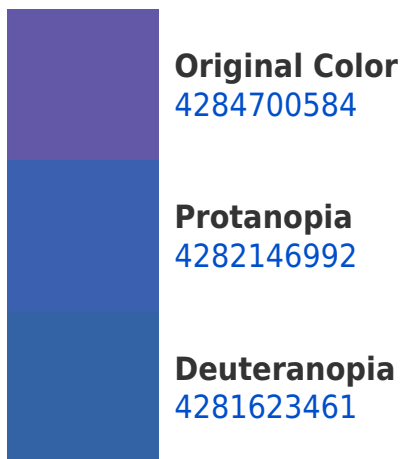


This preview shows how white text looks on a background with the Android color 4284700584.

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
4284700584

Protanomaly
4283063725

Deuteranomaly
4282736550

Tritanomaly
4284113026

Monochromacy



Original Color
4284700584

Achromatopsia
4284769380

Achromatomaly
4284768125

CSS Examples

Text

The CSS property to change the color of the text to Android 4284700584 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(99, 87, 168)` looks like.

```
.text, #text, p{  
    color:rgb(99, 87, 168)  
}
```

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(99, 87, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 87, 168) }
```

Border

The CSS property to change the border of an element to Android 4284700584 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(99, 87, 168) }
```

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

```
.border{ border-color:rgb(99, 87, 168) }
```

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

Here you see how a box with a 4 pixel rgb(99, 87, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 87, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 87, 168);  
box-shadow:4px 4px 4px 4px rgb(99, 87,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4284700584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 87, 168) }
```

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

```
.background{ background-color: rgb(99, 87,  
168) }
```

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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