

Converting Colors

Android(4284840616)

Have a look what the booklet for
Android(4284840616) contains.

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Color

Android(4284840616)

Conversions

Conversions Part 1

Format	Color
Hex	657AA8
RGB	101, 122, 168
RGB Percent	40%, 48%, 66%
CMY	0.6039, 0.5216, 0.3412
CMYK	0.40, 0.27, 0.00, 0.34
HSL	221°, 28%, 53%
HSV	221°, 40%, 66%
XYZ	19.3942, 19.5129, 39.7900
YIQ	120.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

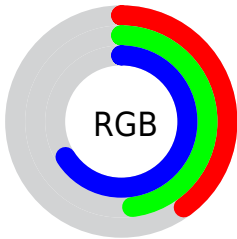
Format	Color
R_{YB}	101, 117, 168
Decimal	6650536
CIE _{Lab}	51.28, 4.35, -26.99
CIE _{LCh}	51, 27.334, 279.164
Yxy	19.5129, 0.2464, 0.2479
Android (android.graphics.Color)	4284840616 (0xFF657AA8)
YUV	120.9650, 23.1883, -17.5093
Hunter-Lab	44.1734, 1.0665, -22.4851

Details

The Android color `4284840616` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289237861`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4288327391`, and `4281485940` is the 20% darker color. If you saturate the color by 10%, you get `4283723432`, and if you desaturate by 10%, it is `4285957800`.

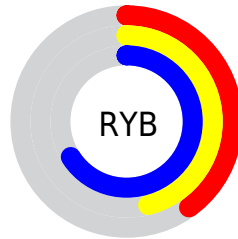
Distribution



Red (40%)

Green (48%)

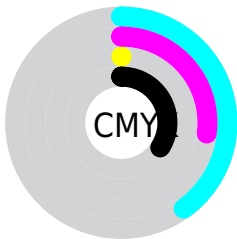
Blue (66%)



Red (40%)

Yellow (46%)

Blue (66%)

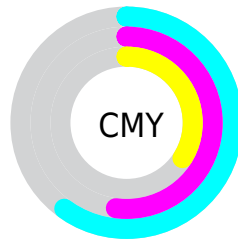


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (34%)



Cyan (60%)


Magenta (52%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284840616 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 4284840616 by changing the saturation by 10% instead.

 4284840616

 4284840616

4294967295

 4283130253

 4288327391

 4281485940

 4290169596

 4279645019

 4292011775

 4278197827

 4293918719

 4278191149

 4278190359

 4278190080

 4284840616

 4284840616

 4283723432

 4285957800

■ 4282606504

■ 4287074728

■ 4281554856

■ 4288126376

■ 4280437928

■ 4289243304

■ 4279320744

■ 4290360488

■ 4278203816

■ 4291477416

■ 4292594600

■ 4293645992

■ 4294763176

Harmonies

Analogous

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



4282352037



4284840616



4287001246

Triad

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



4284840616



4289031262



4283270761

Complementary

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



4284840616



4289237861

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.



4285104469



4284840616



4288181071

Square

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



4284840616



4289226868



4286806860



4281370497

Rectangle

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



4284840616



4288114066



4286806860



4283925602

Sweetspot

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



4284840616



4290890203



4284852371



4284375918



4293783021



4285427310

Same Dimension

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



4284840616



4285699035



4285621672



4283190868



4278202004



4278191636

Inverse Universe

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



4289226106



4292571795



4288456805



4283714638



4287889454



4279500806

Previews

White Background



This preview shows how the Android color 4284840616 looks on a white background.

Color Contrast Check

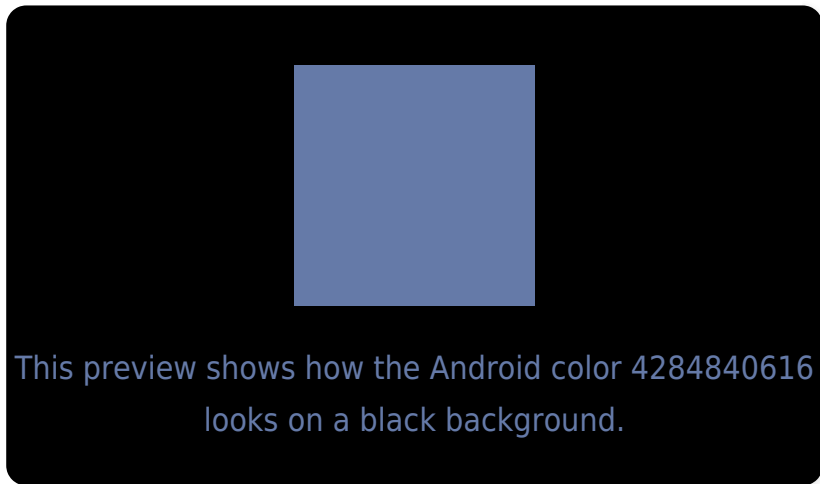
Large Text (above 18pt) WCAG AA ✓ Pass

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

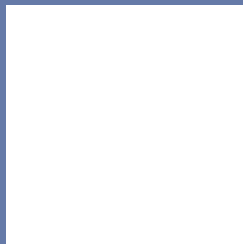
Any Text WCAG AAA × Fail

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

Android 4284840616 Background



This preview shows how black text looks on a background with the Android color 4284840616.

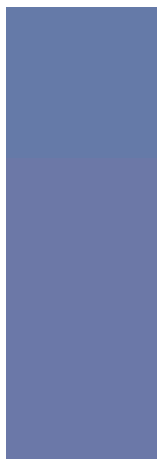


This preview shows how white text looks on a background with the Android color 4284840616.

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

4284840616

Protanopia

4285298855

Deuteranopia

4285233320

Trichromacy



Original Color

4284840616

Protanomaly

4285102503

Deuteranomaly

4285102504

Tritanomaly

4284513941

Monochromacy



Original Color

4284840616

Achromatopsia

4286151033

Achromatomaly

4285692298

CSS Examples

Text

The CSS property to change the color of the text to Android 4284840616 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(101, 122, 168)` looks like.

```
.text, #text, p{  
    color:rgb(101, 122, 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(101, 122, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 122, 168) }
```

Border

The CSS property to change the border of an element to Android 4284840616 is called "border". The border property can be set on classes, ids or directly on the HTML element.

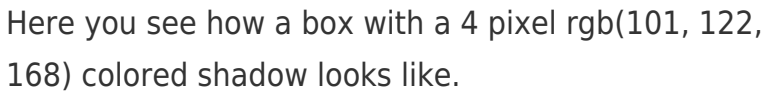
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 122, 168) }
```

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

```
.border{ border-color:rgb(101, 122, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(101, 122, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 122, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 122, 168); box-shadow:4px 4px 4px 4px rgb(101, 122, 168) }
```

Background

The CSS property to change the background color of an element to Android 4284840616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 122, 168) }
```

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

```
.background{ background-color: rgb(101,  
122, 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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