

Converting Colors

Android(4284967846)

Have a look what the booklet for
Android(4284967846) contains.

Android(4284967846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284967846)

Conversions

Conversions Part 1

Format	Color
Hex	676BA6
RGB	103, 107, 166
RGB Percent	40%, 42%, 65%
CMY	0.5961, 0.5804, 0.3490
CMYK	0.38, 0.36, 0.00, 0.35
HSL	236°, 26%, 53%
HSV	236°, 38%, 65%
XYZ	17.7341, 16.1521, 38.2594
YIQ	112.5300, -21.3230, 17.5010

Conversions

Conversions Part 2

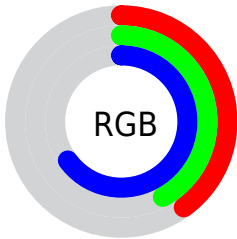
Format	Color
R_{YB}	103, 107, 166
Decimal	6777766
CIE _{Lab}	47.17, 13.41, -32.21
CIE _{LCh}	47, 34.892, 292.605
Yxy	16.1521, 0.2458, 0.2239
Android (android.graphics.Color)	4284967846 (0xFF676BA6)
YUV	112.5300, 26.3607, -8.3578
Hunter-Lab	40.1897, 8.4331, -28.3095

Details

The Android color `4284967846` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289110631`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4288454365`, and `4281613426` is the 20% darker color. If you saturate the color by 10%, you get `4283849638`, and if you desaturate by 10%, it is `4286086054`.

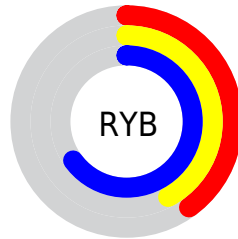
Distribution



Red (40%)

Green (42%)

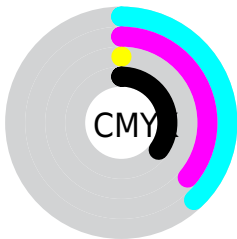
Blue (65%)



Red (40%)

Yellow (42%)

Blue (65%)

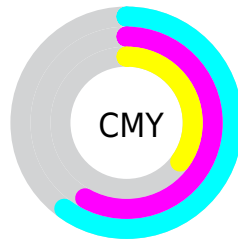


Cyan (38%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284967846 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 4284967846 by changing the saturation by 10% instead.

■ 4284967846

■ 4284967846

4294967295

■ 4283257739

■ 4288454365

■ 4281613426

■ 4290296314

■ 4279838297

■ 4292138495

■ 4278195009

■ 4294046207

■ 4278190635

■ 4278190357

■ 4278190080

■ 4284967846

■ 4284967846

■ 4283849638

■ 4286086054

■ 4282797222

■ 4287138470

■ 4281679014

■ 4288256678

■ 4280626598

■ 4289309094

■ 4279508390

■ 4290427302

■ 4278390438

■ 4291545254

■ 4278193062

■ 4292597926

■ 4293715878

■ 4294768550

Harmonies

Analogous

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



4281038250



4284967846



4287455380

Triad

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



4284967846



4288504130



4279271271

Complementary

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



4284967846



4289110631

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.



4283005771



4284967846



4287130677

Square

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



4284967846



4289157467



4285297976



4278222725

Rectangle

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



4284967846



4288567938



4285297976



4280974941

Sweetspot

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



4284967846



4290888409



4284982946



4284440686



4293783021



4285427310

Same Dimension

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



4284967846



4285889497



4286736294



4283190356



4278192532



4278190356

Inverse Universe

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



4289095531



4292441467



4287342183



4283714636



4287889417



4279500801

Previews

White Background



This preview shows how the Android color 4284967846 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 4284967846 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 4284967846 Background



This preview shows how black text looks on a background with the Android color 4284967846.

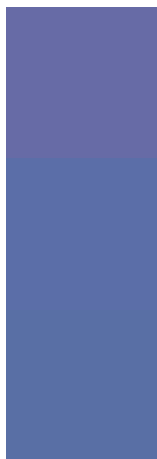


This preview shows how white text looks on a background with the Android color 4284967846.

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

4284967846

Protanopia

4284182184

Deuteranopia

4284051365

Trichromacy



Original Color

4284967846

Protanomaly

4284444071

Deuteranomaly

4284378789

Tritanomaly

4284575884

Monochromacy



Original Color

4284967846

Achromatopsia

4285624689

Achromatomaly

4285362052

CSS Examples

Text

The CSS property to change the color of the text to Android 4284967846 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(103, 107, 166)` looks like.

```
.text, #text, p{  
    color:rgb(103, 107, 166)  
}
```

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(103, 107, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 107, 166) }
```

Border

The CSS property to change the border of an element to Android 4284967846 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(103, 107, 166) }
```

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

```
.border{ border-color:rgb(103, 107, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 107, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 107, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 107, 166);  
box-shadow:4px 4px 4px 4px rgb(103, 107,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4284967846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 107, 166) }
```

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

```
.background{ background-color: rgb(103,  
107, 166) }
```

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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