

Converting Colors

Android(4284638097)

Have a look what the booklet for
Android(4284638097) contains.

Android(4284638097)	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(4284638097)

Conversions

Conversions Part 1

Format	Color
Hex	626391
RGB	98, 99, 145
RGB Percent	38%, 39%, 57%
CMY	0.6157, 0.6118, 0.4314
CMYK	0.32, 0.32, 0.00, 0.43
HSL	239°, 19%, 48%
HSV	239°, 32%, 57%
XYZ	14.6097, 13.5647, 28.6363
YIQ	103.9450, -15.3620, 14.0940

Conversions

Conversions Part 2

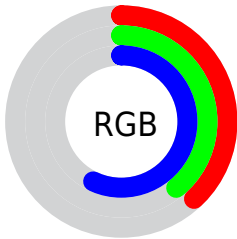
Format	Color
R_{YB}	98, 99, 145
Decimal	6448017
CIE _{Lab}	43.60, 10.93, -25.38
CIE _{LCh}	44, 27.632, 293.305
Yxy	13.5647, 0.2572, 0.2388
Android (android.graphics.Color)	4284638097 (0xFF626391)
YUV	103.9450, 20.2401, -5.2138
Hunter-Lab	36.8303, 6.3537, -20.3180

Details

The Android color `4284638097` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287729762`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4288059079`, and `4281415006` is the 20% darker color. If you saturate the color by 10%, you get `4283717009`, and if you desaturate by 10%, it is `4285624721`.

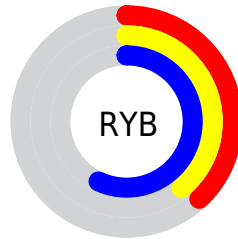
Distribution



Red (38%)

Green (39%)

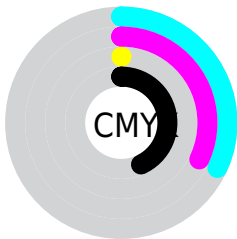
Blue (57%)



Red (38%)

Yellow (39%)

Blue (57%)

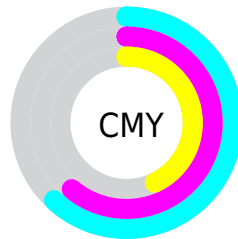


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284638097 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 4284638097 by changing the saturation by 10% instead.



4284638097



4284638097

4294967295



4282993527



4288059079



4281415006



4289835235



4279836742



4291677439



4278323248



4293519615



4278190362



4278190080



4284638097



4284638097



4283717009



4285624721



4282730385



4286545809

■ 4281809041

■ 4287532689

■ 4280822417

■ 4288453777

■ 4279901329

■ 4289440401

■ 4278914705

■ 4290361489

■ 4278190993

■ 4291348113

■ 4292269457

■ 4293190545

Harmonies

Analogous

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



4282084244



4284638097



4286536579

Triad

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



4284638097



4287323203



4280906593

Complementary

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



4284638097



4287729762

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.



4283002955



4284638097



4286211129

Square

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



4284638097



4287845974



4284771132



4278219640

Rectangle

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



4284638097



4287321973



4284771132



4281692761

Sweetspot

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



4284638097



4289374909



4284649871



4283650910



4292796126



4284374622

Same Dimension

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



4284638097



4285756861



4286079633



4282400839



4278190983



4278190088

Inverse Universe

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



4287717987



4290605941



4286288226



4282859584



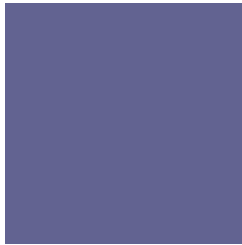
4287037443



4278714368

Previews

White Background



This preview shows how the Android color 4284638097 looks on a white background.

Color Contrast Check

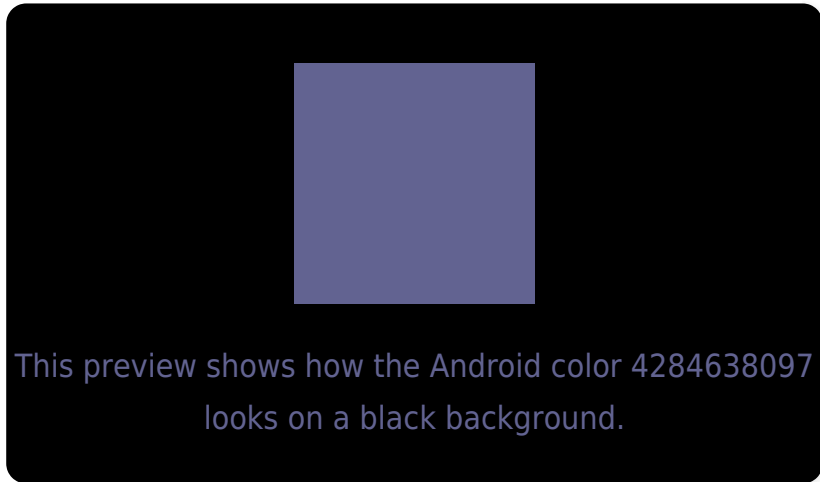
Large Text (above 18pt) WCAG AA ✓ Pass

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

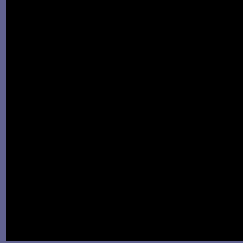
Any Text WCAG AA × Fail

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 4284638097 Background



This preview shows how black text looks on a background with the Android color 4284638097.



This preview shows how white text looks on a background with the Android color 4284638097.

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](#).

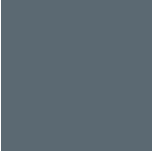
Dichromacy



Original Color
4284638097

Protanopia
4284048787

Deuteranopia
4283983504



Tritanopia
4284180850

Trichromacy



Original Color

4284638097

Protanomaly

4284245138

Deuteranomaly

4284245392

Tritanomaly

4284376957

Monochromacy



Original Color

4284638097

Achromatopsia

4285032552

Achromatomaly

4284900983

CSS Examples

Text

The CSS property to change the color of the text to Android 4284638097 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, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 145)  
}
```

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, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 145) }
```

Border

The CSS property to change the border of an element to Android 4284638097 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, 99, 145) }
```

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

```
.border{ border-color:rgb(98, 99, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 99, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4284638097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 145) }
```

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

```
.background{ background-color: rgb(98, 99,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor