

Converting Colors

Android(4284838554)

Have a look what the booklet for
Android(4284838554) contains.

Android(4284838554)	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(4284838554)

Conversions

Conversions Part 1

Format	Color
Hex	65729A
RGB	101, 114, 154
RGB Percent	40%, 45%, 60%
CMY	0.6039, 0.5529, 0.3961
CMYK	0.34, 0.26, 0.00, 0.40
HSL	225°, 21%, 50%
HSV	225°, 34%, 60%
XYZ	17.2169, 17.1344, 32.9717
YIQ	114.6730, -20.5880, 9.6840

Conversions

Conversions Part 2

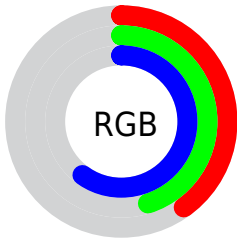
Format	Color
R_{YB}	101, 111, 154
Decimal	6648474
CIE _{Lab}	48.43, 5.19, -23.22
CIE _{LCh}	48, 23.794, 282.611
Yxy	17.1344, 0.2557, 0.2545
Android (android.graphics.Color)	4284838554 (0xFF65729A)
YUV	114.6730, 19.3882, -11.9912
Hunter-Lab	41.3937, 1.8043, -18.2511

Details

The Android color `4284838554` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288318821`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4288259793`, and `4281549415` is the 20% darker color. If you saturate the color by 10%, you get `4283852442`, and if you desaturate by 10%, it is `4285824666`.

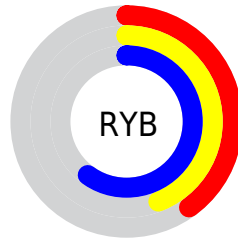
Distribution



Red (40%)

Green (45%)

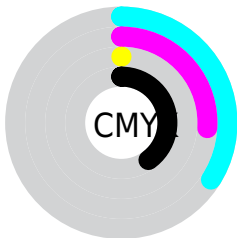
Blue (60%)



Red (40%)

Yellow (44%)

Blue (60%)

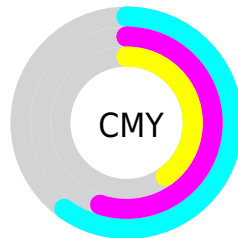


Cyan (34%)

Magenta (26%)

Yellow (0%)

Black (40%)



Cyan (60%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284838554 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 4284838554 by changing the saturation by 10% instead.



4284838554



4284838554

4294967295



4283193984



4288259793



4281549415



4290101741



4279970895



4291943935



4278196279



4293786111



4278190626



4278190088



4278190080



4284838554



4284838554



4283852442



4285824666

■ 4282801050

■ 4286876058

■ 4281814938

■ 4287862170

■ 4280763546

■ 4288913562

■ 4279777434

■ 4289899674

■ 4278791322

■ 4290885786

■ 4278199962

■ 4291937178

■ 4292923290

■ 4293974938

Harmonies

Analogous

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



4282874009



4284838554



4286606225

Triad

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



4284838554



4288178009



4283071846

Complementary

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



4284838554



4288318821

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.



4284643925



4284838554



4287327821

Square

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



4284838554



4288373867



4286084171



4281695867

Rectangle

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



4284838554



4287522694



4286084171



4283595872

Sweetspot

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



4284838554



4290099913



4284848781



4284112230



4293322470



4284900966

Same Dimension

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



4284838554



4286024649



4285687194



4282730317



4278198924



4278190861

Inverse Universe

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



4288308594



4291393419



4287470181



4283254087



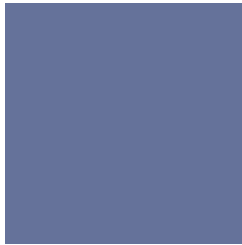
4287365154



4279042051

Previews

White Background



This preview shows how the Android color 4284838554 looks on a white background.

Color Contrast Check

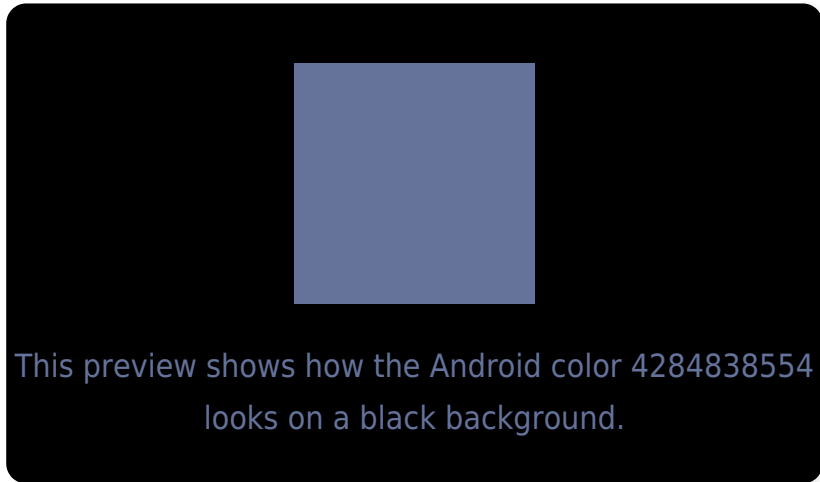
Large Text (above 18pt) WCAG AA ✓ Pass

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

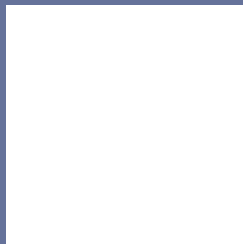
Any Text WCAG AAA × Fail

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

Android 4284838554 Background



This preview shows how black text looks on a background with the Android color 4284838554.



This preview shows how white text looks on a background with the Android color 4284838554.

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

4284838554

Protanopia

4285034906

Deuteranopia

4285034906

Trichromacy



Original Color

4284838554

Protanomaly

4284969370

Deuteranomaly

4284969370

Tritanomaly

4284577161

Monochromacy



Original Color

4284838554

Achromatopsia

4285756275

Achromatomaly

4285428609

CSS Examples

Text

The CSS property to change the color of the text to Android 4284838554 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, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(101, 114, 154)  
}
```

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, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 114, 154) }
```

Border

The CSS property to change the border of an element to Android 4284838554 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, 114, 154) }
```

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

```
.border{ border-color:rgb(101, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(101, 114,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4284838554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 114, 154) }
```

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

```
.background{ background-color: rgb(101,  
114, 154) }
```

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