

Converting Colors

Android(4282471550)

Have a look what the booklet for
Android(4282471550) contains.

Android(4282471550)	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(4282471550)

Conversions

Conversions Part 1

Format	Color
Hex	41547E
RGB	65, 84, 126
RGB Percent	25%, 33%, 49%
CMY	0.7451, 0.6706, 0.5059
CMYK	0.48, 0.33, 0.00, 0.51
HSL	221°, 32%, 37%
HSV	221°, 48%, 49%
XYZ	9.1162, 8.9708, 20.9897
YIQ	83.1070, -24.8060, 9.0340

Conversions

Conversions Part 2

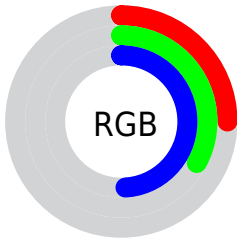
Format	Color
R_{YB}	65, 79, 126
Decimal	4281470
CIE _{Lab}	35.93, 5.05, -26.00
CIE _{LCh}	36, 26.488, 280.981
Yxy	8.9708, 0.2333, 0.2296
Android (android.graphics.Color)	4282471550 (0xFF41547E)
YUV	83.1070, 21.1462, -15.8798
Hunter-Lab	29.9513, 1.9146, -20.5842

Details

The Android color `4282471550` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286475073`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4285826483`, and `4278921037` is the 20% darker color. If you saturate the color by 10%, you get `4281617278`, and if you desaturate by 10%, it is `4283325822`.

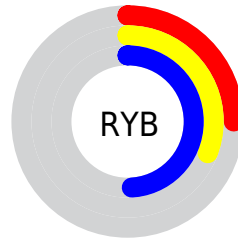
Distribution



 Red (25%)

 Green (33%)

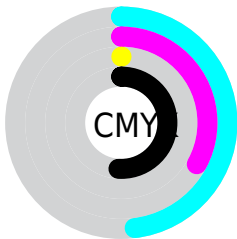
 Blue (49%)





 Red (25%)

 Yellow (31%)

 Blue (49%)

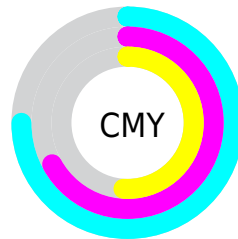



 Cyan (48%)

 Magenta (33%)

 Yellow (0%)

 Black (51%)



 Cyan (75%)

 Magenta (67%)

 Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282471550 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 4282471550 by changing the saturation by 10% instead.

■ 4282471550

■ 4282471550

4294967295

■ 4280827237

■ 4285826483

■ 4278921037

■ 4287602639

■ 4278194998

■ 4289379051

■ 4278190624

■ 4291221247

■ 4278190084

■ 4293063423

■ 4278190080

■ 4282471550

■ 4282471550

■ 4281617278

■ 4283325822

■ 4280828798

■ 4284114302

■ 4279974526

■ 4284968574

■ 4279185790

■ 4285757310

■ 4278331774

■ 4286611326

■ 4278200190

■ 4287465598

■ 4288254334

■ 4289108350

■ 4289897086

Harmonies

Analogous

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



4279327356



4282471550



4284566645

Triad

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



4282471550



4286203706



4280704838

Complementary

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



4282471550



4286475073

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.



4282604340



4282471550



4285353772

Square

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



4282471550



4286399309



4284110378



4278214748

Rectangle

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



4282471550



4285548393



4284110378



4281425471

Sweetspot

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



4282471550



4287337123



4282482283



4282599250



4291940817



4283585106

Same Dimension

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



4282471550



4282737315



4283187582



4281940800



4278200448



4278190080

Inverse Universe

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



4286464340



4288890210



4285759041



4282399035



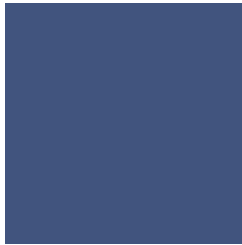
4286578728



4278190080

Previews

White Background



This preview shows how the Android color 4282471550 looks on a white background.

Color Contrast Check

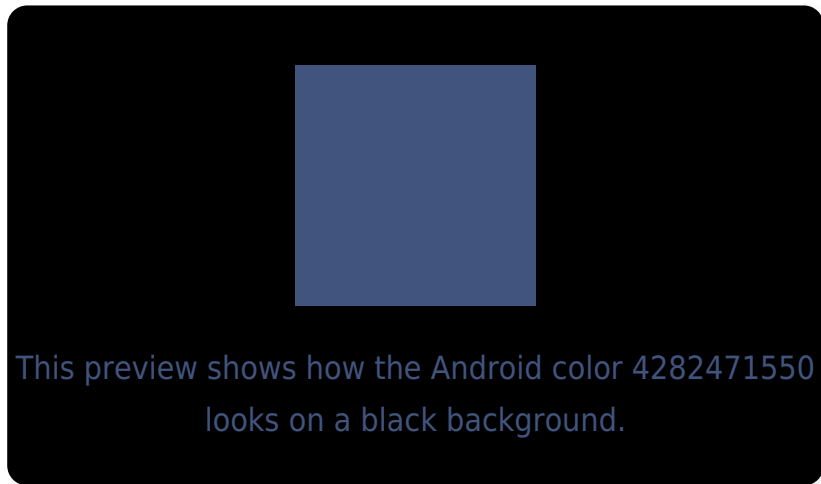
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4282471550 Background



This preview shows how black text looks on a background with the Android color 4282471550.

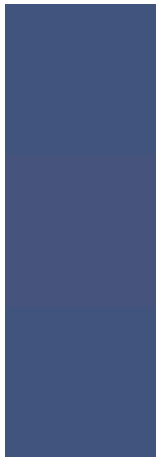


This preview shows how white text looks on a background with the Android color 4282471550.

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
4282471550

Protanopia
4282798973

Deuteranopia
4282471550

Trichromacy



Original Color

4282471550

Protanomaly

4282667901

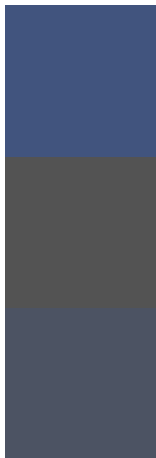
Deuteranomaly

4282471550

Tritanomaly

4282079340

Monochromacy



Original Color

4282471550

Achromatopsia

4283650899

Achromatomaly

4283192163

CSS Examples

Text

The CSS property to change the color of the text to Android 4282471550 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(65, 84, 126)` looks like.

```
.text, #text, p{  
    color:rgb(65, 84, 126)  
}
```

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(65, 84, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 84, 126) }
```

Border

The CSS property to change the border of an element to Android 4282471550 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(65, 84, 126) }
```

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

```
.border{ border-color:rgb(65, 84, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 84, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 84, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 84, 126);  
box-shadow:4px 4px 4px 4px rgb(65, 84,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4282471550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 84, 126) }
```

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

```
.background{ background-color: rgb(65, 84,  
126) }
```

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