

Converting Colors

Android(4282735479)

Have a look what the booklet for
Android(4282735479) contains.

Android(4282735479)	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(4282735479)

Conversions

Conversions Part 1

Format	Color
Hex	455B77
RGB	69, 91, 119
RGB Percent	27%, 36%, 47%
CMY	0.7294, 0.6431, 0.5333
CMYK	0.42, 0.24, 0.00, 0.53
HSL	214°, 27%, 37%
HSV	214°, 42%, 47%
XYZ	9.5251, 10.0793, 18.8962
YIQ	87.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

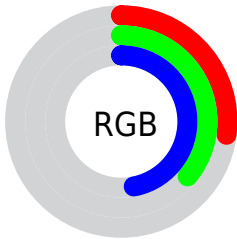
Format	Color
R _{YB}	69, 84, 119
Decimal	4545399
CIE _{Lab}	37.98, -0.45, -18.48
CIE _{LCh}	38, 18.487, 268.618
Yxy	10.0793, 0.2474, 0.2618
Android (android.graphics.Color)	4282735479 (0xFF455B77)
YUV	87.6140, 15.4733, -16.3245
Hunter-Lab	31.7479, -2.0047, -13.0657

Details

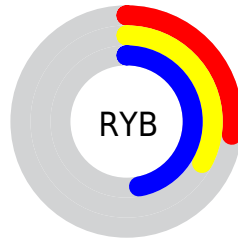
The Android color `4282735479` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286013765`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286025131`, and `4279512646` is the 20% darker color. If you saturate the color by 10%, you get `4281947255`, and if you desaturate by 10%, it is `4283523703`.

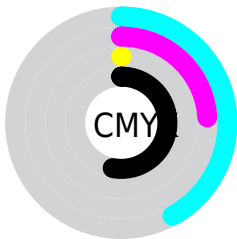
Distribution



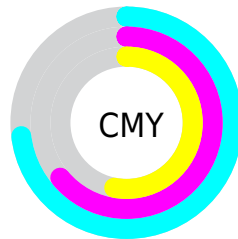
- Red (27%)
- Green (36%)
- Blue (47%)



- Red (27%)
- Yellow (33%)
- Blue (47%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282735479 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 4282735479 by changing the saturation by 10% instead.

■ 4282735479

■ 4282735479

4294967295

■ 4281156702

■ 4286025131

■ 4279512646

■ 4287801287

■ 4278196528

■ 4289577955

■ 4278190363

■ 4291354367

■ 4278190080

■ 4293262335

■ 4282735479

■ 4282735479

■ 4281947255

■ 4283523703

■ 4281159287

■ 4284311671

■ 4280371063

■ 4285099895

■ 4279582839

■ 4285888119

■ 4278794871

■ 4286610551

■ 4278203511

■ 4287398775

■ 4288186999

■ 4288974967

■ 4289763191

Harmonies

Analogous

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



4281425778



4282735479



4284175988

Triad

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



4282735479



4286009164



4282671177

Complementary

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



4282735479



4286013765

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.



4283784511



4282735479



4285616960

Square

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



4282735479



4285943387



4284831804



4281557592

Rectangle

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



4282735479



4284961389



4284831804



4282998597

Sweetspot

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



4282735479



4287074460



4282742624



4282533967



4291809231



4283387727

Same Dimension

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



4282735479



4283330716



4282926455



4281677627



4278204026



4278218490

Inverse Universe

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



4286006619



4288433776



4285888325



4282070327



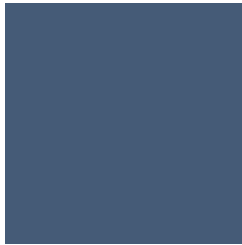
4286185526



4294574190

Previews

White Background



This preview shows how the Android color 4282735479 looks on a white background.

Color Contrast Check

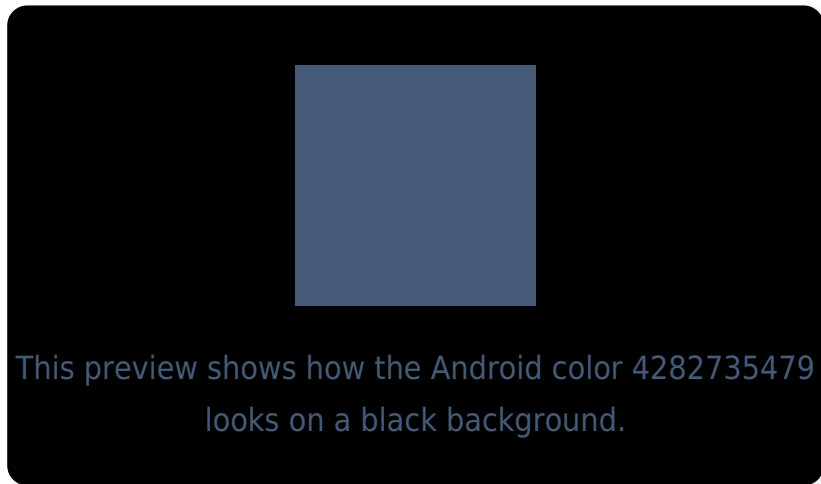
Large Text (above 18pt) WCAG AA ✓ Pass

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

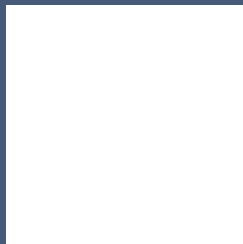
Any Text WCAG AAA × Fail

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

Android 4282735479 Background



This preview shows how black text looks on a background with the Android color 4282735479.

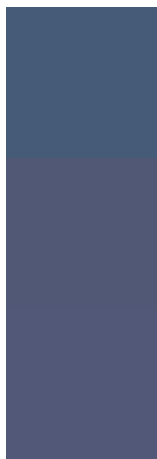


This preview shows how white text looks on a background with the Android color 4282735479.

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

4282735479

Protanopia

4283521141

Deuteranopia

4283521144

Trichromacy



Original Color

4282735479

Protanomaly

4283259254

Deuteranomaly

4283259256

Tritanomaly

4282539372

Monochromacy



Original Color

4282735479

Achromatopsia

4283979864

Achromatomaly

4283521379

CSS Examples

Text

The CSS property to change the color of the text to Android 4282735479 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(69, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(69, 91, 119)  
}
```

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(69, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 91, 119) }
```

Border

The CSS property to change the border of an element to Android 4282735479 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(69, 91, 119) }
```

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

```
.border{ border-color:rgb(69, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(69, 91,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4282735479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 91, 119) }
```

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

```
.background{ background-color: rgb(69, 91,  
119) }
```

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