

Converting Colors

Android(4282212239)

Have a look what the booklet for
Android(4282212239) contains.

Android(4282212239)	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(4282212239)

Conversions

Conversions Part 1

Format	Color
Hex	3D5F8F
RGB	61, 95, 143
RGB Percent	24%, 37%, 56%
CMY	0.7608, 0.6275, 0.4392
CMYK	0.57, 0.34, 0.00, 0.44
HSL	215°, 40%, 40%
HSV	215°, 57%, 56%
XYZ	10.9746, 11.1597, 27.5622
YIQ	90.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

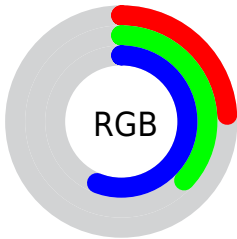
Format	Color
R_{YB}	61, 85, 143
Decimal	4022159
CIE Lab	39.85, 2.75, -30.23
CIE LCh	40, 30.352, 275.198
Yxy	11.1597, 0.2208, 0.2246
Android (android.graphics.Color)	4282212239 (0xFF3D5F8F)
YUV	90.3060, 25.9781, -25.7014
Hunter-Lab	33.4061, 0.1802, -25.5338

Details

The Android color `4282212239` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287589693`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4285764037`, and `4278202716` is the 20% darker color. If you saturate the color by 10%, you get `4281292687`, and if you desaturate by 10%, it is `4283131791`.

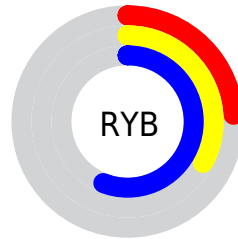
Distribution



Red (24%)

Green (37%)

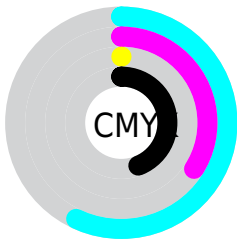
Blue (56%)



Red (24%)

Yellow (33%)

Blue (56%)

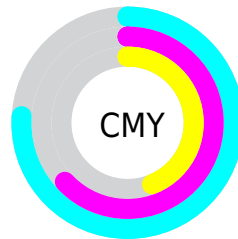


Cyan (57%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282212239 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 4282212239 by changing the saturation by 10% instead.

■ 4282212239

■ 4282212239

4294967295

■ 4280305781

■ 4285764037

■ 4278202716

■ 4287540449

■ 4278197572

■ 4289316862

■ 4278190638

■ 4291224575

■ 4278190360

■ 4293066751

■ 4278190080

■ 4282212239

■ 4282212239

■ 4281292687

■ 4283131791

■ 4280307343

■ 4284117135

■ 4279387791

■ 4285036687

■ 4278468239

■ 4285956239

■ 4278205327

■ 4286941583

■ 4287861135

■ 4288780943

■ 4289700495

■ 4290685583

Harmonies

Analogous

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



4278216330



4282212239



4284896902

Triad

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



4282212239



4287319363



4281231688

Complementary

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



4282212239



4287589693

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.



4283393332



4282212239



4286469425

Square

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



4282212239



4287383898



4285095467



4278217570

Rectangle

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



4282212239



4286140538



4285095467



4282017857

Sweetspot

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



4282212239



4288391354



4282224493



4283126622



4292796126



4284374622

Same Dimension

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



4282212239



4282019770



4282662287



4282401607



4278204551



4278190856

Inverse Universe

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



4287577439



4290394735



4287139645



4282859587



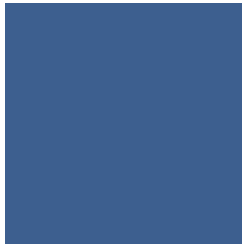
4287037496



4278714371

Previews

White Background



This preview shows how the Android color 4282212239 looks on a white background.

Color Contrast Check

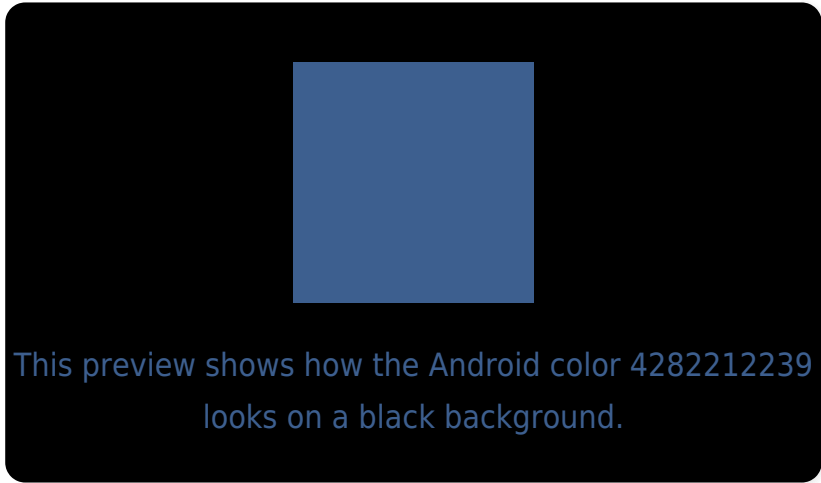
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282212239 Background



This preview shows how black text looks on a background with the Android color 4282212239.

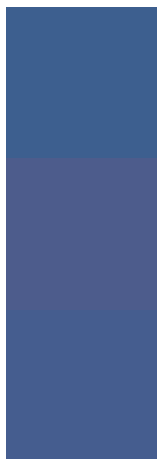


This preview shows how white text looks on a background with the Android color 4282212239.

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

4282212239

Protanopia

4283260044

Deuteranopia

4282736015

Trichromacy



Original Color

4282212239

Protanomaly

4282867085

Deuteranomaly

4282539663

Tritanomaly

4281688954

Monochromacy



Original Color

4282212239

Achromatopsia

4284111450

Achromatomaly

4283391085

CSS Examples

Text

The CSS property to change the color of the text to Android 4282212239 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(61, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(61, 95, 143)  
}
```

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(61, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 95, 143) }
```

Border

The CSS property to change the border of an element to Android 4282212239 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(61, 95, 143) }
```

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

```
.border{ border-color:rgb(61, 95, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 95, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 95, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 95, 143);  
box-shadow:4px 4px 4px 4px rgb(61, 95,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4282212239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 95, 143) }
```

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

```
.background{ background-color: rgb(61, 95,  
143) }
```

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