

Converting Colors

Android(4281999690)

Have a look what the booklet for
Android(4281999690) contains.

Android(4281999690)	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(4281999690)

Conversions

Conversions Part 1

Format	Color
Hex	3A214A
RGB	58, 33, 74
RGB Percent	23%, 13%, 29%
CMY	0.7725, 0.8706, 0.7098
CMYK	0.22, 0.55, 0.00, 0.71
HSL	277°, 38%, 21%
HSV	277°, 55%, 29%
XYZ	3.5248, 2.4817, 6.7718
YIQ	45.1490, 1.7390, 18.0510

Conversions

Conversions Part 2

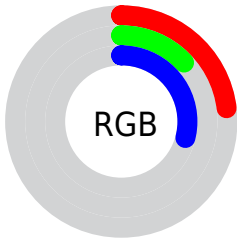
Format	Color
R _Y B	58, 33, 74
Decimal	3809610
CIE Lab	17.84, 20.90, -20.90
CIE LCh	18, 29.556, 314.990
Yxy	2.4817, 0.2758, 0.1942
Android (android.graphics.Color)	4281999690 (0xFF3A214A)
YUV	45.1490, 14.2235, 11.2703
Hunter-Lab	15.7533, 12.3712, -14.4594

Details

The Android color `4281999690` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4281420321`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4285156987`, and `4278845470` is the 20% darker color. If you saturate the color by 10%, you get `4281801290`, and if you desaturate by 10%, it is `4282198090`.

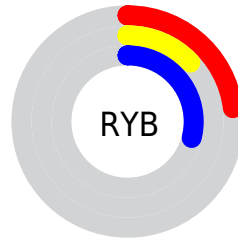
Distribution



Red (23%)

Green (13%)

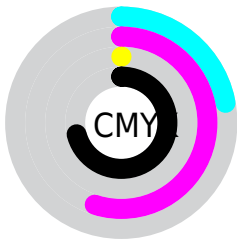
Blue (29%)



Red (23%)

Yellow (13%)

Blue (29%)

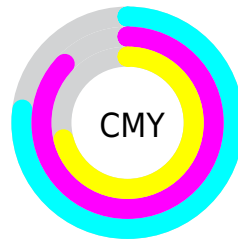


Cyan (22%)

Magenta (55%)

Yellow (0%)

Black (71%)



Cyan (77%)

Magenta (87%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281999690 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 4281999690 by changing the saturation by 10% instead.

■ 4281999690

■ 4281999690

4294967295

■ 4280486963

■ 4285156987

■ 4278845470

■ 4286867093

■ 4278190080

■ 4288577712

■ 4290419403

■ 4292195815

■ 4294103295

■ 4294962687

■ 4281999690

■ 4281999690

■ 4281801290

■ 4282198090

■ 4281602634

■ 4282396746

■ 4281404234

■ 4282595146

■ 4281205578

■ 4282793802

■ 4281139274

■ 4282926666

■ 4283125066

■ 4283323722

■ 4283522122

■ 4283720778

Harmonies

Analogous

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



4279446101



4281999690



4283177015

Triad

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



4281999690



4282328832



4278203958

Complementary

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



4281999690



4281420321

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.



4278203680



4281999690



4281150976

Square

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



4281999690



4283178509



4279448074



4278203721

Rectangle

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



4281999690



4283504169



4279448074



4278203695

Sweetspot

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



4281999690



4284108897



4280365386



4281149232



4289769648



4281348144

Same Dimension

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



4281999690



4282917217



4283048262



4280623654



4282253414



4287365350

Inverse Universe

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



4283048241



4284555578



4280371749



4280689188



4284874792



4293263450

Previews

White Background



This preview shows how the Android color 4281999690 looks on a white background.

Color Contrast Check

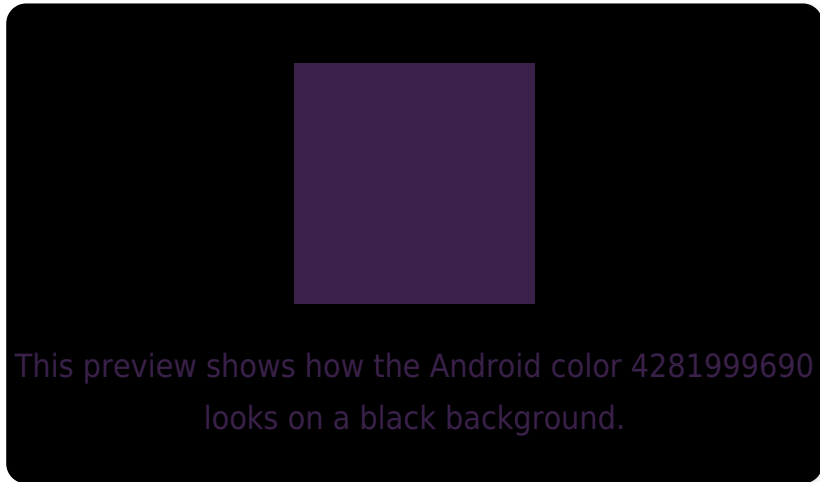
Large Text (above 18pt) WCAG AA ✓ Pass

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

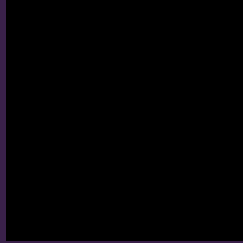
Any Text WCAG AA × Fail

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 4281999690 Background



This preview shows how black text looks on a background with the Android color 4281999690.



This preview shows how white text looks on a background with the Android color 4281999690.

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

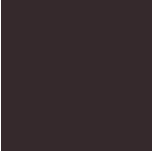
4281999690

Protanopia

4279642964

Deuteranopia

4279970888



Tritanopia
4281674028

Trichromacy



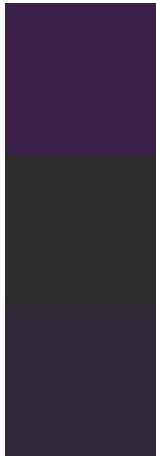
Original Color
4281999690

Protanomaly
4280493904

Deuteranomaly
4280690761

Tritanomaly
4281804343

Monochromacy



Original Color
4281999690

Achromatopsia
4281150765

Achromatomaly
4281477432

CSS Examples

Text

The CSS property to change the color of the text to Android 4281999690 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(58, 33, 74)` looks like.

```
.text, #text, p{  
    color:rgb(58, 33, 74)  
}
```

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(58, 33, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 33, 74) }
```

Border

The CSS property to change the border of an element to Android 4281999690 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(58, 33, 74) }
```

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

```
.border{ border-color:rgb(58, 33, 74) }
```

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

Here you see how a box with a 4 pixel rgb(58, 33, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 33, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 33, 74);  
box-shadow:4px 4px 4px 4px rgb(58, 33, 74)  
}
```

Background

The CSS property to change the background color of an element to Android 4281999690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 33, 74) }
```

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

```
.background{ background-color: rgb(58, 33,  
74) }
```

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