

Converting Colors

Android(4282001665)

Have a look what the booklet for
Android(4282001665) contains.

Android(4282001665)	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(4282001665)

Conversions

Conversions Part 1

Format	Color
Hex	3A2901
RGB	58, 41, 1
RGB Percent	23%, 16%, 0%
CMY	0.7725, 0.8392, 0.9961
CMYK	0.00, 0.29, 0.98, 0.77
HSL	42°, 97%, 12%
HSV	42°, 98%, 23%
XYZ	2.5433, 2.4876, 0.3748
YIQ	41.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

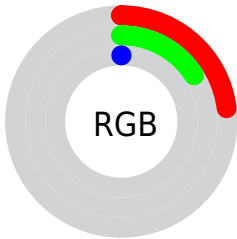
Format	Color
RYB	25, 58, 1
Decimal	3811585
CIELab	17.86, 3.59, 25.44
CIELCh	18, 25.689, 81.960
Yxy	2.4876, 0.4705, 0.4602
Android (android.graphics.Color)	4282001665 (0xFF3A2901)
YUV	41.5230, -19.9778, 14.4503
Hunter-Lab	15.7722, 1.1828, 9.6315

Details

The Android color **4282001665** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278260282**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4285224496**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4282001664**, and if you desaturate by 10%, it is **4282002183**.

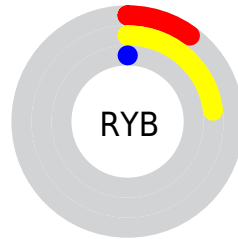
Distribution



Red (23%)

Green (16%)

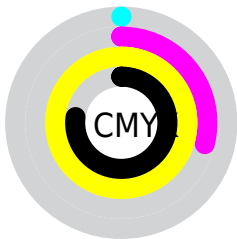
Blue (0%)



Red (10%)

Yellow (23%)

Blue (0%)

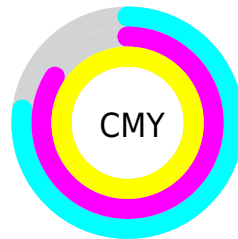


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (77%)



Cyan (77%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282001665 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 4282001665 by changing the saturation by 10% instead.



4282001665



4282001665



4294967268



4280423680



4285224496



4278190080



4287000135



4288710751



4290552440



4292394386



4294301868



4294964680



4282001665



4282001665

■ 4282001664

■ 4282002183

■ 4282002445

■ 4282002962

■ 4282003480

■ 4282003998

■ 4282004260

■ 4282004778

■ 4282005295

■ 4282005813

Harmonies

Analogous

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



4282851854



4282001665



4280889092

Triad

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



4282001665



4278203705



4282196291

Complementary

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



4282001665



4278260282

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.



4280494414



4282001665



4278203209

Square

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



4282001665



4278203430



4278202192



4283112242

Rectangle

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



4282001665



4279906574



4278202192



4281738311

Sweetspot

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



4282001665



4283254326



4281991442



4280689177



4289111718



4280690214

Same Dimension

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



4282001665



4283250176



4281285121



4280032025



4284235776



4292581888

Inverse Universe

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



4278260282



4278196045



4278976826



4279835164



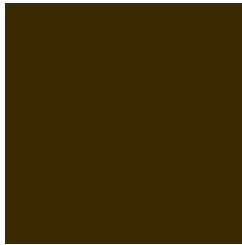
4278197084



4278206939

Previews

White Background



This preview shows how the Android color 4282001665 looks on a white background.

Color Contrast Check

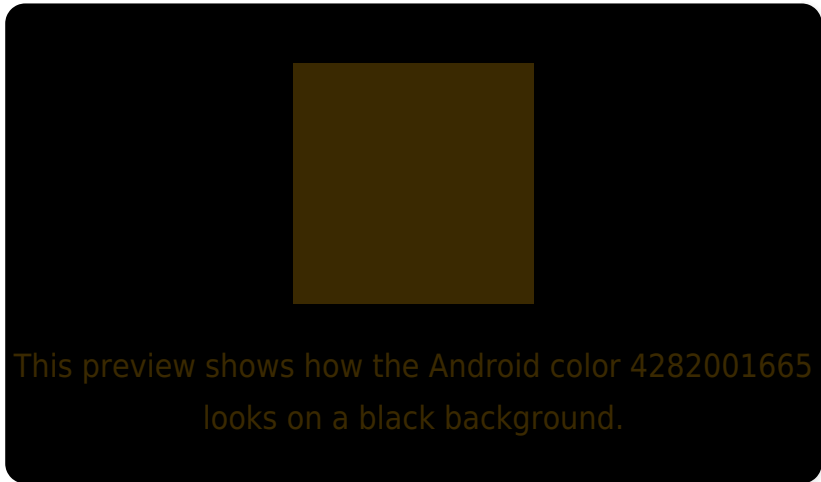
Large Text (above 18pt) WCAG AA ✓ Pass

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

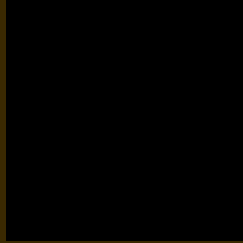
Any Text WCAG AA × Fail

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 4282001665 Background



This preview shows how black text looks on a background with the Android color 4282001665.



This preview shows how white text looks on a background with the Android color 4282001665.

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
4282001665

Protanopia
4281478148

Deuteranopia
4281870848

Trichromacy



Original Color

4282001665

Protanomaly

4281674499

Deuteranomaly

4281936384

Tritanomaly

4282066714

Monochromacy



Original Color

4282001665

Achromatopsia

4280953386

Achromatomaly

4281346587

CSS Examples

Text

The CSS property to change the color of the text to Android 4282001665 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, 41, 1)` looks like.

```
.text, #text, p{  
    color:rgb(58, 41, 1)  
}
```

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, 41, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 41, 1) }
```

Border

The CSS property to change the border of an element to Android 4282001665 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, 41, 1) }
```

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

```
.border{ border-color:rgb(58, 41, 1) }
```

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

Here you see how a box with a 4 pixel rgb(58, 41, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 41, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 41, 1); box-shadow:4px  
4px 4px 4px rgb(58, 41, 1) }
```

Background

The CSS property to change the background color of an element to Android 4282001665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 41, 1) }
```

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

```
.background{ background-color: rgb(58, 41,  
1) }
```

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