

Converting Colors

Android(4282346913)

Have a look what the booklet for
Android(4282346913) contains.

Android(4282346913)	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(4282346913)

Conversions

Conversions Part 1

Format	Color
Hex	3F6DA1
RGB	63, 109, 161
RGB Percent	25%, 43%, 63%
CMY	0.7529, 0.5725, 0.3686
CMYK	0.61, 0.32, 0.00, 0.37
HSL	212°, 44%, 44%
HSV	212°, 61%, 63%
XYZ	13.9516, 14.5672, 35.7946
YIQ	101.1740, -44.1080, 6.4200

Conversions

Conversions Part 2

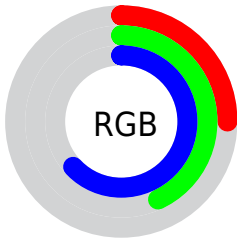
Format	Color
RYB	63, 94, 161
Decimal	4156833
CIELab	45.04, 0.67, -32.80
CIELCh	45, 32.806, 271.168
Yxy	14.5672, 0.2169, 0.2265
Android (android.graphics.Color)	4282346913 (0xFF3F6DA1)
YUV	101.1740, 29.4942, -33.4786
Hunter-Lab	38.1671, -1.5436, -28.8877

Details

The Android color `4282346913` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288770879`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4286030040`, and `4278206061` is the 20% darker color. If you saturate the color by 10%, you get `4281296033`, and if you desaturate by 10%, it is `4283397793`.

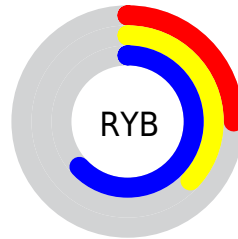
Distribution



Red (25%)

Green (43%)

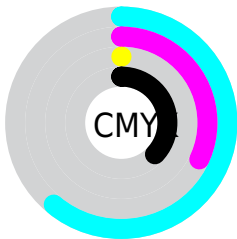
Blue (63%)



Red (25%)

Yellow (37%)

Blue (63%)

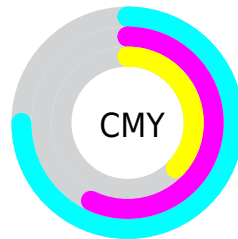


Cyan (61%)

Magenta (32%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (57%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282346913 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 4282346913 by changing the saturation by 10% instead.



4282346913



4282346913

4294967295



4280309127



4286030040



4278206061



4287871989



4278200404



4289714175



4278195261



4291556351



4278190887



4293459967



4278190352



4278190080



4282346913



4282346913



4281296033



4283397793

■ 4280245409

■ 4284448417

■ 4279194529

■ 4285499297

■ 4278209697

■ 4286549921

■ 4287666337

■ 4288716961

■ 4289767841

■ 4290818465

■ 4291869345

Harmonies

Analogous

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



4278219930



4282346913



4285424537

Triad

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



4282346913



4288501584



4282152527

Complementary

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



4282346913



4288770879

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.



4284379450



4282346913



4287651899

Square

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



4282346913



4288500843



4286212403



4278221163

Rectangle

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



4282346913



4286930061



4286212403



4282938695

Sweetspot

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



4282346913



4289445329



4282360178



4283587689



4293454056



4285098345

Same Dimension

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



4282346913



4281893073



4282466209



4282994002



4278207633



4278192146

Inverse Universe

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



4288757613



4291901568



4288651583



4283582797



4287692868



4279369736

Previews

White Background



This preview shows how the Android color 4282346913 looks on a white background.

Color Contrast Check

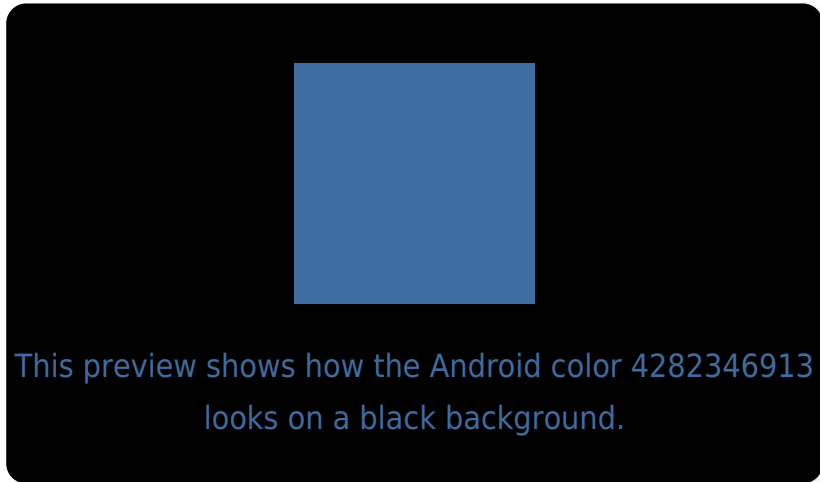
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282346913 Background



This preview shows how black text looks on a background with the Android color 4282346913.



This preview shows how white text looks on a background with the Android color 4282346913.

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

4282346913

Protanopia

4283984029

Deuteranopia

4283394722

Trichromacy



Original Color
4282346913

Protanomaly
4283394718

Deuteranomaly
4283001762

Tritanomaly
4281627018

Monochromacy



Original Color
4282346913

Achromatopsia
4284835173

Achromatomaly
4283918459

CSS Examples

Text

The CSS property to change the color of the text to Android 4282346913 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(63, 109, 161)` looks like.

```
.text, #text, p{  
    color:rgb(63, 109, 161)  
}
```

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(63, 109, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 109, 161) }
```

Border

The CSS property to change the border of an element to Android 4282346913 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(63, 109, 161) }
```

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

```
.border{ border-color:rgb(63, 109, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 109, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 109, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 109, 161);  
box-shadow:4px 4px 4px 4px rgb(63, 109,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4282346913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 109, 161) }
```

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

```
.background{ background-color: rgb(63, 109,  
161) }
```

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