

Converting Colors

Android(4282153394)

Have a look what the booklet for
Android(4282153394) contains.

Android(4282153394)	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(4282153394)

Conversions

Conversions Part 1

Format	Color
Hex	3C79B2
RGB	60, 121, 178
RGB Percent	24%, 47%, 70%
CMY	0.7647, 0.5255, 0.3020
CMYK	0.66, 0.32, 0.00, 0.30
HSL	209°, 50%, 47%
HSV	209°, 66%, 70%
XYZ	16.7367, 17.8498, 44.6827
YIQ	109.2590, -54.6530, 4.7950

Conversions

Conversions Part 2

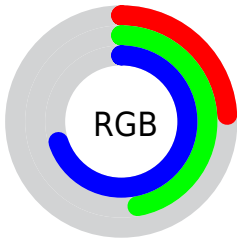
Format	Color
RYB	60, 100, 178
Decimal	3963314
CIELab	49.31, -1.27, -36.02
CIELCh	49, 36.037, 267.977
Yxy	17.8498, 0.2111, 0.2252
Android (android.graphics.Color)	4282153394 (0xFF3C79B2)
YUV	109.2590, 33.8893, -43.2001
Hunter-Lab	42.2490, -3.2238, -33.1311

Details

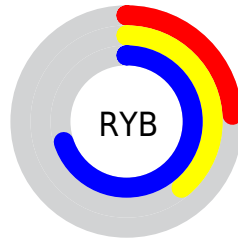
The Android color `4282153394` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289885500`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286033386`, and `4278208893` is the 20% darker color. If you saturate the color by 10%, you get `4280971442`, and if you desaturate by 10%, it is `4283335346`.

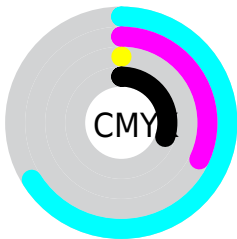
Distribution



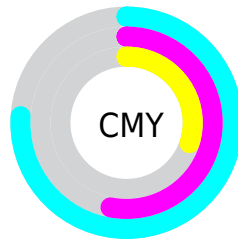
- Red (24%)
- Green (47%)
- Blue (70%)



- Red (24%)
- Yellow (39%)
- Blue (70%)



- Cyan (66%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (76%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282153394 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 4282153394 by changing the saturation by 10% instead.



4282153394



4282153394

4294967295



4279656599



4286033386



4278208893



4287940863



4278203236



4289783039



4278197835



4291690495



4278191413



4293656575



4278190622



4278190081



4278190080



4282153394



4282153394

■ 4280971442

■ 4283335346

■ 4279789746

■ 4284517042

■ 4278673330

■ 4285633458

■ 4278213810

■ 4286815154

■ 4287997106

■ 4289179058

■ 4290360754

■ 4291477170

■ 4292658866

Harmonies

Analogous

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



4278223272



4282153394



4285820587

Triad

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



4282153394



4289617498



4282745428

Complementary

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



4282153394



4289885500

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.



4285234237



4282153394



4288768066

Square

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



4282153394



4289485945



4287263543



4278224242

Rectangle

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



4282153394



4287587998



4287263543



4283662411

Sweetspot

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



4282153394



4290433768



4282167923



4284049525



4294309365



4285887861

Same Dimension

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



4282153394



4281241320



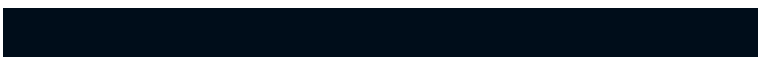
4282138802



4283454809



4278210457



4278193434

Inverse Universe

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



4289870969



4293406350



4289900092



4284043349



4288217167



4279894029

Previews

White Background



This preview shows how the Android color 4282153394 looks on a white background.

Color Contrast Check

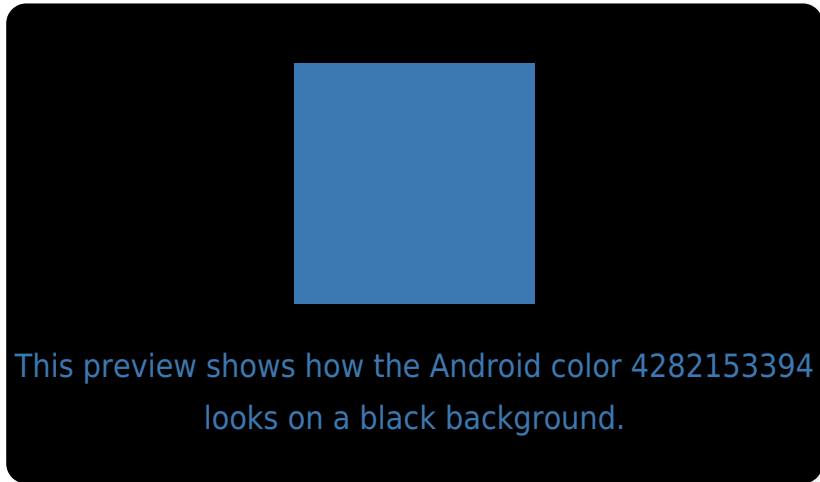
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4282153394 Background



This preview shows how black text looks on a background with the Android color 4282153394.



This preview shows how white text looks on a background with the Android color 4282153394.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282153394 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(60, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(60, 121, 178)  
}
```

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(60, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 121, 178) }
```

Border

The CSS property to change the border of an element to Android 4282153394 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(60, 121, 178) }
```

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

```
.border{ border-color:rgb(60, 121, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 121, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(60, 121,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4282153394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 121, 178) }
```

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

```
.background{ background-color: rgb(60, 121,  
178) }
```

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