

Converting Colors

Android(4282747839)

Have a look what the booklet for
Android(4282747839) contains.

Android(4282747839)	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(4282747839)

Conversions

Conversions Part 1

Format	Color
Hex	458BBF
RGB	69, 139, 191
RGB Percent	27%, 55%, 75%
CMY	0.7294, 0.4549, 0.2510
CMYK	0.64, 0.27, 0.00, 0.25
HSL	206°, 49%, 51%
HSV	206°, 64%, 75%
XYZ	21.0908, 23.4920, 52.7130
YIQ	123.9980, -58.4120, 1.3320

Conversions

Conversions Part 2

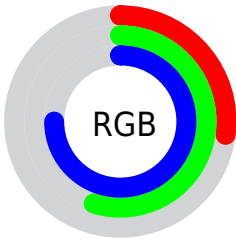
Format	Color
R_{YB}	69, 113, 191
Decimal	4557759
CIE _{Lab}	55.58, -5.81, -33.64
CIE _{LCh}	56, 34.134, 260.202
Yxy	23.4920, 0.2168, 0.2414
Android (android.graphics.Color)	4282747839 (0xFF458BBF)
YUV	123.9980, 33.0320, -48.2332
Hunter-Lab	48.4686, -7.1467, -30.5541

Details

The Android color `4282747839` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4290738501`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4286628088`, and `4278213001` is the 20% darker color. If you saturate the color by 10%, you get `4281500607`, and if you desaturate by 10%, it is `4283995071`.

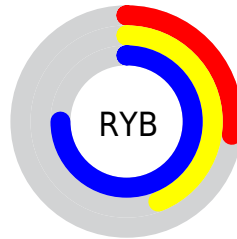
Distribution



Red (27%)

Green (55%)

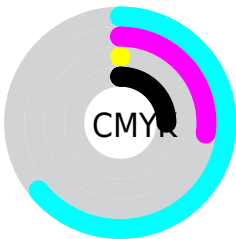
Blue (75%)



Red (27%)

Yellow (44%)

Blue (75%)

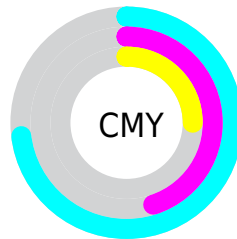


Cyan (64%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (73%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282747839 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 4282747839 by changing the saturation by 10% instead.



4282747839



4282747839

4294967295



4280447652



4286628088



4278213001



4288535807



4278207088



4290443775



4278201431



4292345855



4278196287



4294311935



4278190889



4278190355



4278190080



4282747839



4282747839

■ 4281500607

■ 4283995071

■ 4280253375

■ 4285242303

■ 4279006143

■ 4286489535

■ 4278218431

■ 4287737023

■ 4289049791

■ 4290297023

■ 4291544255

■ 4292791487

■ 4294038719

Harmonies

Analogous

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



4278227634



4282747839



4286218685

Triad

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



4282747839



4290670450



4284649566

Complementary

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



4282747839



4290738501

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.



4286876236



4282747839



4290147929

Square

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



4282747839



4290277264



4288774218



4281963642

Rectangle

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



4282747839



4287986354



4288774218



4285435735

Sweetspot

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



4282747839



4291355639



4282761080



4284510589



4294769916



4286414205

Same Dimension

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



4282747839



4281968375



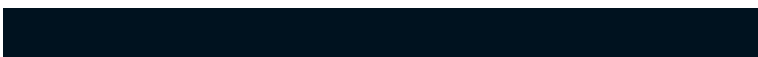
4282732479



4283783774



4278213534



4278194719

Inverse Universe

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



4290725259



4294392230



4290753861



4284372314



4288544859



4280221714

Previews

White Background



This preview shows how the Android color 4282747839 looks on a white background.

Color Contrast Check

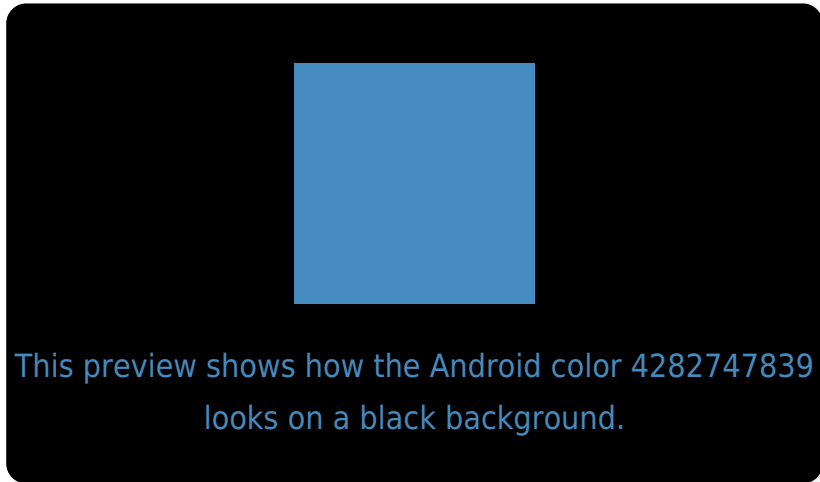
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

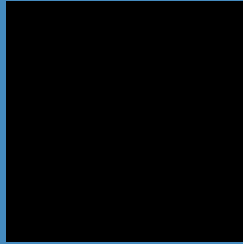
Any Text WCAG AA ✓ Pass

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 4282747839 Background



This preview shows how black text looks on a background with the Android color 4282747839.

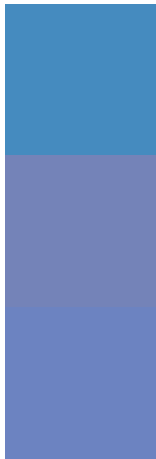


This preview shows how white text looks on a background with the Android color 4282747839.

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
4282747839

Protanopia
4285825976

Deuteranopia
4285301697

Trichromacy



Original Color
4282747839

Protanomaly
4284712635

Deuteranomaly
4284384960

Tritanomaly
4282027945

Monochromacy



Original Color
4282747839

Achromatopsia
4286348412

Achromatomaly
4285038996

CSS Examples

Text

The CSS property to change the color of the text to Android 4282747839 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(69, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(69, 139, 191)  
}
```

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(69, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 139, 191) }
```

Border

The CSS property to change the border of an element to Android 4282747839 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(69, 139, 191) }
```

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

```
.border{ border-color:rgb(69, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(69, 139,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4282747839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 139, 191) }
```

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

```
.background{ background-color: rgb(69, 139,  
191) }
```

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