

Converting Colors

Android(4282682853)

Have a look what the booklet for
Android(4282682853) contains.

Android(4282682853)	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(4282682853)

Conversions

Conversions Part 1

Format	Color
Hex	448DE5
RGB	68, 141, 229
RGB Percent	27%, 55%, 90%
CMY	0.7333, 0.4471, 0.1020
CMYK	0.70, 0.38, 0.00, 0.10
HSL	213°, 76%, 58%
HSV	213°, 70%, 90%
XYZ	26.0516, 25.9358, 77.7618
YIQ	129.2050, -71.7560, 11.8920

Conversions

Conversions Part 2

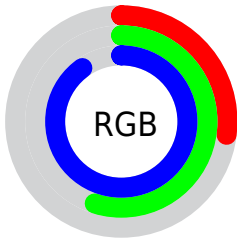
Format	Color
R _Y B	68, 118, 229
Decimal	4492773
CIE Lab	57.98, 5.93, -51.23
CIE LCh	58, 51.568, 276.600
Yxy	25.9358, 0.2008, 0.1999
Android (android.graphics.Color)	4282682853 (0xFF448DE5)
YUV	129.2050, 49.1989, -53.6768
Hunter-Lab	50.9272, 2.1883, -54.8820

Details

The Android color `4282682853` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4293237828`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4286956287`, and `4278213805` is the 20% darker color. If you saturate the color by 10%, you get `4281172197`, and if you desaturate by 10%, it is `4284193509`.

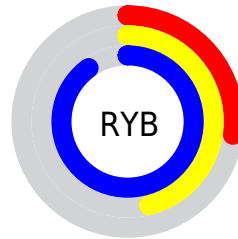
Distribution



Red (27%)

Green (55%)

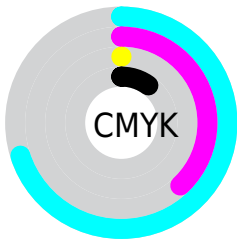
Blue (90%)



Red (27%)

Yellow (46%)

Blue (90%)

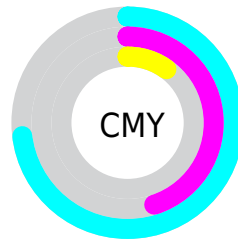


Cyan (70%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (45%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282682853 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 4282682853 by changing the saturation by 10% instead.



4282682853



4282682853

4294967295



4279530697



4286956287



4278213805



4288995071



4278207890



4290968319



4278202232



4292935679



4278197342



4278192198



4278191151



4278190361



4278190080

■ 4282682853

■ 4282682853

■ 4281172197

■ 4284193509

■ 4279661797

■ 4285703909

■ 4278216933

■ 4287214565

■ 4288724965

■ 4290235621

■ 4291680485

■ 4293191141

■ 4294701541

■ 4294967013

Harmonies

Analogous

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



4278229726



4282682853



4288379860

Triad

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



4282682853



4292438872



4280065894

Complementary

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



4282682853



4293237828

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.



4285241407



4282682853



4290804791

Square

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



4282682853



4292764291



4288384043



4278231444

Rectangle

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



4282682853



4290670526



4288384043



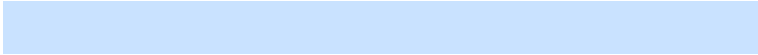
4282490199

Sweetspot

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



4282682853



4291420927



4282705306



4284509824



4278190080



4286611584

Same Dimension

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



4282682853



4280912639



4282991845



4284968051



4278210995



4278196019

Inverse Universe

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



4293215373



4294912394



4292928836



4285753196



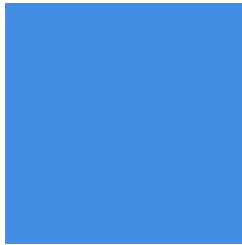
4289921105



4281532439

Previews

White Background



This preview shows how the Android color 4282682853 looks on a white background.

Color Contrast Check

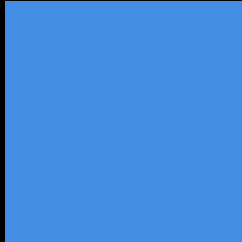
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4282682853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

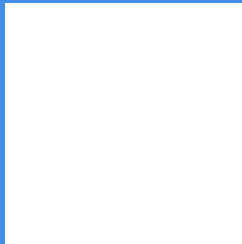
Any Text WCAG AAA × Fail

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

Android 4282682853 Background



This preview shows how black text looks on a background with the Android color 4282682853.



This preview shows how white text looks on a background with the Android color 4282682853.

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



Original Color
4282682853

Protanomaly
4284189410

Deuteranomaly
4283141349

Tritanomaly
4279866813

Monochromacy



Original Color
4282682853

Achromatopsia
4286677377

Achromatomaly
4285236645

CSS Examples

Text

The CSS property to change the color of the text to Android 4282682853 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(68, 141, 229)` looks like.

```
.text, #text, p{  
    color:rgb(68, 141, 229)  
}
```

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(68, 141, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 141, 229) }
```

Border

The CSS property to change the border of an element to Android 4282682853 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(68, 141, 229) }
```

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

```
.border{ border-color:rgb(68, 141, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 141, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 141, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 141, 229);  
box-shadow:4px 4px 4px 4px rgb(68, 141,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4282682853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 141, 229) }
```

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

```
.background{ background-color: rgb(68, 141,  
229) }
```

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