

Converting Colors

Android(4282800812)

Have a look what the booklet for
Android(4282800812) contains.

Android(4282800812)	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(4282800812)

Conversions

Conversions Part 1

Format	Color
Hex	465AAC
RGB	70, 90, 172
RGB Percent	27%, 35%, 67%
CMY	0.7255, 0.6471, 0.3255
CMYK	0.59, 0.48, 0.00, 0.33
HSL	228°, 42%, 47%
HSV	228°, 59%, 67%
XYZ	13.6283, 11.5930, 40.5491
YIQ	93.3680, -38.2420, 21.2620

Conversions

Conversions Part 2

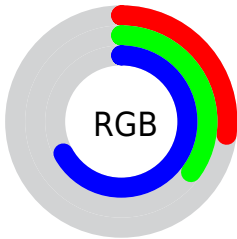
Format	Color
RYB	70, 87, 172
Decimal	4610732
CIELab	40.56, 17.90, -46.37
CIElCh	41, 49.707, 291.107
Yxy	11.5930, 0.2072, 0.1763
Android (android.graphics.Color)	4282800812 (0xFF465AAC)
YUV	93.3680, 38.7656, -20.4937
Hunter-Lab	34.0485, 11.8622, -46.7759

Details

The Android color `4282800812` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289501254`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4286549220`, and `4278201719` is the 20% darker color. If you saturate the color by 10%, you get `4281683116`, and if you desaturate by 10%, it is `4283918508`.

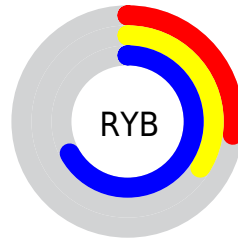
Distribution



Red (27%)

Green (35%)

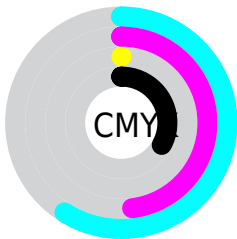
Blue (67%)



Red (27%)

Yellow (34%)

Blue (67%)

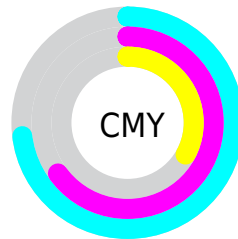


Cyan (59%)

Magenta (48%)

Yellow (0%)

Black (33%)



Cyan (73%)

Magenta (65%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282800812 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 4282800812 by changing the saturation by 10% instead.



4282800812



4282800812

4294967295



4280763281



4286549220



4278201719



4288390911



4278196574



4290232831



4278190150



4292140543



4278191150



4294113791



4278190361



4278190080



4282800812



4282800812



4281683116



4283918508

■ 4280565420

■ 4285036204

■ 4279382444

■ 4286219180

■ 4278264748

■ 4287336876

■ 4278198956

■ 4288454572

■ 4289572268

■ 4290689964

■ 4291873196

■ 4292990636

Harmonies

Analogous

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



4278216880



4282800812



4286859155

Triad

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



4282800812



4288235552



4278219346

Complementary

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



4282800812



4289501254

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.



4280315433



4282800812



4286404864

Square

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



4282800812



4289214789



4283983362



4278219388

Rectangle

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



4282800812



4288363643



4283983362



4278219076

Sweetspot

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



4282800812



4290298080



4282821784



4283980912



4293980400



4285558896

Same Dimension

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



4282800812



4282474720



4284827308



4283322455



4278197910



4278191383

Inverse Universe

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



4289480282



4292886880



4287474758



4283911760



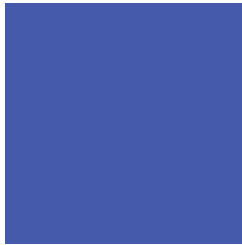
4288020510



4279697413

Previews

White Background



This preview shows how the Android color 4282800812 looks on a white background.

Color Contrast Check

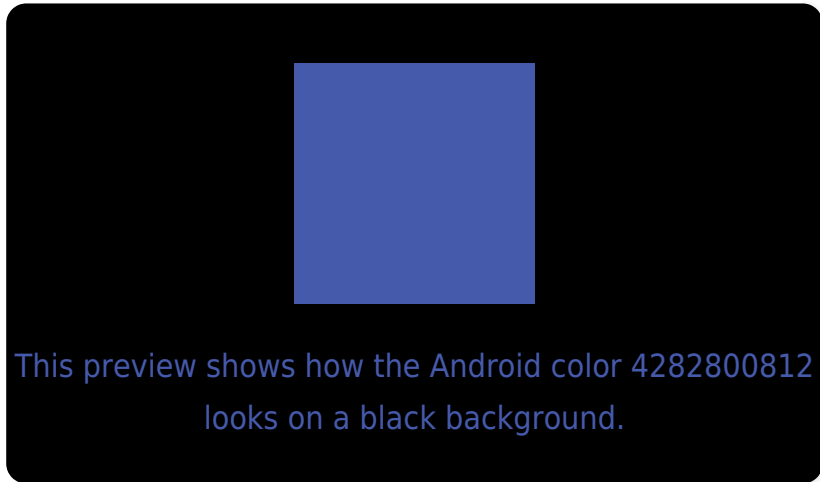
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282800812 Background



This preview shows how black text looks on a background with the Android color 4282800812.



This preview shows how white text looks on a background with the Android color 4282800812.

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

4282800812

Protanopia

4281753007

Deuteranopia

4279656874

Trichromacy



Original Color
4282800812

Protanomaly
4282145966

Deuteranomaly
4280770219

Tritanomaly
4281688966

Monochromacy



Original Color
4282800812

Achromatopsia
4284308829

Achromatomaly
4283784314

CSS Examples

Text

The CSS property to change the color of the text to Android 4282800812 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(70, 90, 172)` looks like.

```
.text, #text, p{  
    color:rgb(70, 90, 172)  
}
```

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(70, 90, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 90, 172) }
```

Border

The CSS property to change the border of an element to Android 4282800812 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(70, 90, 172) }
```

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

```
.border{ border-color:rgb(70, 90, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 90, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 90, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 90, 172);  
box-shadow:4px 4px 4px 4px rgb(70, 90,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4282800812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 90, 172) }
```

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

```
.background{ background-color: rgb(70, 90,  
172) }
```

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