

Converting Colors

Android(4282712270)

Have a look what the booklet for
Android(4282712270) contains.

Android(4282712270)	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(4282712270)

Conversions

Conversions Part 1

Format	Color
Hex	4500CE
RGB	69, 0, 206
RGB Percent	27%, 0%, 81%
CMY	0.7294, 1.0000, 0.1922
CMYK	0.67, 1.00, 0.00, 0.19
HSL	260°, 100%, 40%
HSV	260°, 100%, 81%
XYZ	13.5948, 5.7214, 58.7803
YIQ	44.1150, -25.0020, 78.6940

Conversions

Conversions Part 2

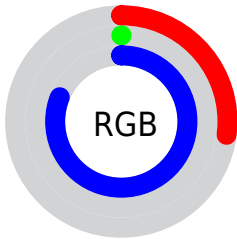
Format	Color
RYB	69, 0, 206
Decimal	4522190
CIELab	28.70, 68.82, -85.78
CIELCh	29, 109.977, 308.738
Yxy	5.7214, 0.1741, 0.0733
Android (android.graphics.Color)	4282712270 (0xFF4500CE)
YUV	44.1150, 79.8093, 21.8241
Hunter-Lab	23.9195, 59.5925, -128.9568

Details

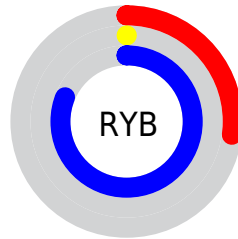
The Android color **4282712270** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4287221248**, and the grayscale version is **4281019179**.

A 20% lighter version of the original color is **4287120895**, and **4278190230** is the 20% darker color. If you saturate the color by 10%, you get **4282712270**, and if you desaturate by 10%, it is **4283635150**.

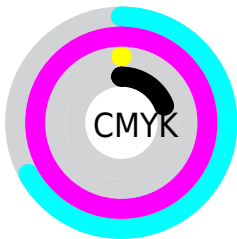
Distribution



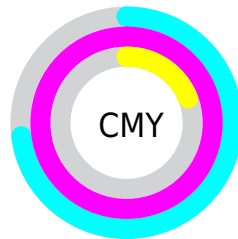
- Red (27%)
- Green (0%)
- Blue (81%)



- Red (27%)
- Yellow (0%)
- Blue (81%)



- Cyan (67%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282712270 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 4282712270 by changing the saturation by 10% instead.

 4282712270

 4282712270

4294967295

 4279369906

 4287120895

 4278190230

 4289224959

 4278190203

 4291263487

 4278190177

 4293302271

 4278192200

 4294947839

 4278191153

 4294955007

 4278190363

 4294962431

 4278190080

 4282712270

 4283635150

 4284492238

 4285415118

 4286337742

 4287195086

 4288117966

 4289040590

 4289963470

 4290820558

Harmonies

Analogous

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



4278210293



4282712270



4289790084

Triad

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



4282712270



4286717952



4278213980

Complementary

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



4282712270



4287221248

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.



4278213120



4282712270



4282206464

Square

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



4282712270



4289855488



4278212096



4278214832

Rectangle

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



4282712270



4291100748



4278212096



4278213694

Sweetspot

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



4282712270



4291605503



4278225358



4284568192



4278190080



4286611584

Same Dimension

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



4282712270



4283760895



4289462478



4284439654



4281860262



4279042086

Inverse Universe

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



4291690633



4294901930



4280471040



4284898403



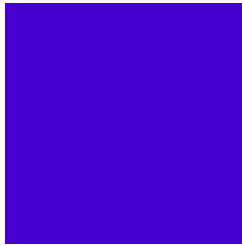
4289069166



4280680473

Previews

White Background



This preview shows how the Android color 4282712270 looks on a white background.

Color Contrast Check

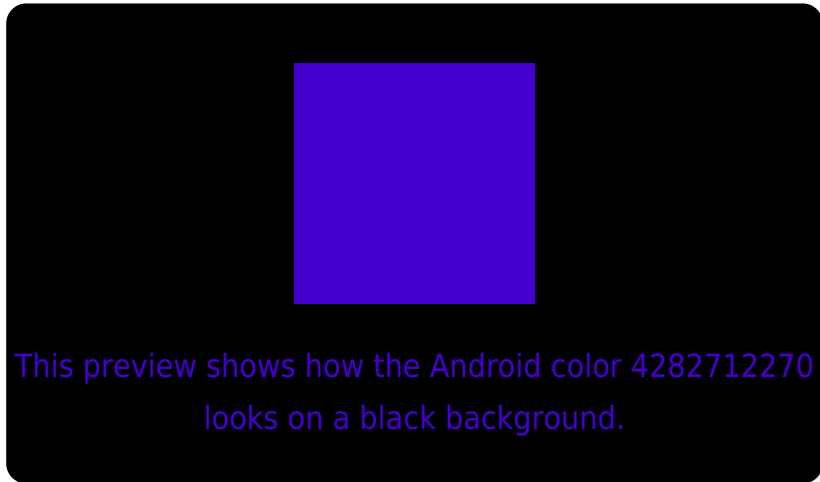
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

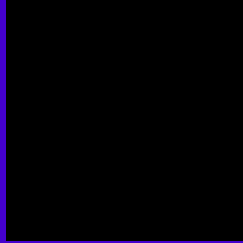
Any Text WCAG AA × Fail

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 4282712270 Background



This preview shows how black text looks on a background with the Android color 4282712270.



This preview shows how white text looks on a background with the Android color 4282712270.

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

4282712270

Protanopia

4278207373

Deuteranopia

4278208632

Trichromacy



Original Color
4282712270

Protanomaly
4279839653

Deuteranomaly
4279840407

Tritanomaly
4279841151

Monochromacy



Original Color
4282712270

Achromatopsia
4281084972

Achromatomaly
4281670759

CSS Examples

Text

The CSS property to change the color of the text to Android 4282712270 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, 0, 206)` looks like.

```
.text, #text, p{  
    color:rgb(69, 0, 206)  
}
```

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, 0, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 0, 206) }
```

Border

The CSS property to change the border of an element to Android 4282712270 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, 0, 206) }
```

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

```
.border{ border-color:rgb(69, 0, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 0, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 0, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 0, 206);  
box-shadow:4px 4px 4px 4px rgb(69, 0, 206)  
}
```

Background

The CSS property to change the background color of an element to Android 4282712270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 0, 206) }
```

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

```
.background{ background-color: rgb(69, 0,  
206) }
```

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