

Converting Colors

Android(4282517446)

Have a look what the booklet for
Android(4282517446) contains.

Android(4282517446)	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(4282517446)

Conversions

Conversions Part 1

Format	Color
Hex	4207C6
RGB	66, 7, 198
RGB Percent	26%, 3%, 78%
CMY	0.7412, 0.9725, 0.2235
CMYK	0.67, 0.96, 0.00, 0.22
HSL	259°, 93%, 40%
HSV	259°, 96%, 78%
XYZ	12.5158, 5.3874, 53.8063
YIQ	46.4150, -26.1470, 71.9090

Conversions

Conversions Part 2

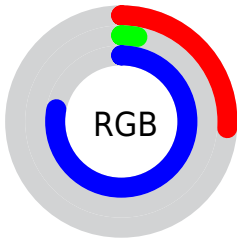
Format	Color
RYB	66, 7, 198
Decimal	4327366
CIELab	27.81, 65.53, -82.58
CIELCh	28, 105.427, 308.434
Yxy	5.3874, 0.1745, 0.0751
Android (android.graphics.Color)	4282517446 (0xFF4207C6)
YUV	46.4150, 74.7314, 17.1760
Hunter-Lab	23.2108, 55.6322, -121.1958

Details

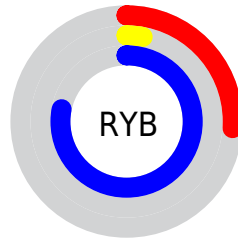
The Android color **4282517446** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4287350279**, and the grayscale version is **4281216558**.

A 20% lighter version of the original color is **4286924543**, and **4278190222** is the 20% darker color. If you saturate the color by 10%, you get **4282187974**, and if you desaturate by 10%, it is **4283440070**.

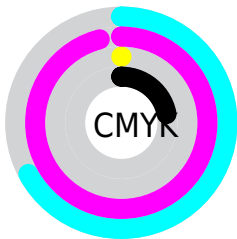
Distribution



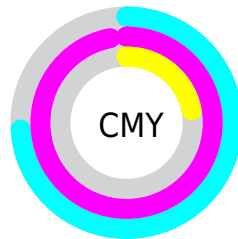
- Red (26%)
- Green (3%)
- Blue (78%)



- Red (26%)
- Yellow (3%)
- Blue (78%)



- Cyan (67%)
- Magenta (96%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (97%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282517446 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 4282517446 by changing the saturation by 10% instead.

 4282517446

 4282517446

4294967295

 4279107754

 4286924543

 4278190222

 4288897535

 4278190196

 4290936063

 4278190938

 4292974591

 4278191937

 4294947839

 4278190890

 4294955007

 4278190357

 4294962431

 4278190080

 4282517446

 4282517446

■ 4282187974

■ 4283440070

■ 4284297158

■ 4285219526

■ 4286142150

■ 4286999238

■ 4287921862

■ 4288844486

■ 4289701318

■ 4290623942

Harmonies

Analogous

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



4278209515



4282517446



4289265791

Triad

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



4282517446



4286455808



4278213208

Complementary

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



4282517446



4287350279

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.



4278212352



4282517446



4282140416

Square

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



4282517446



4289462272



4278211328



4278213800

Rectangle

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



4282517446



4290641994



4278211328



4278212923

Sweetspot

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



4282517446



4291606015



4278685126



4284568448



4278190080



4286611584

Same Dimension

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



4282517446



4283367679



4288677830



4284308067



4281467043



4278911012

Inverse Universe

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



4291168139



4294901936



4281189895



4284701280



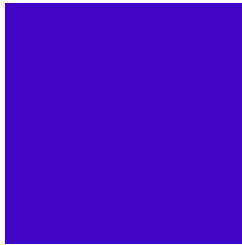
4288872561



4280549401

Previews

White Background



This preview shows how the Android color 4282517446 looks on a white background.

Color Contrast Check

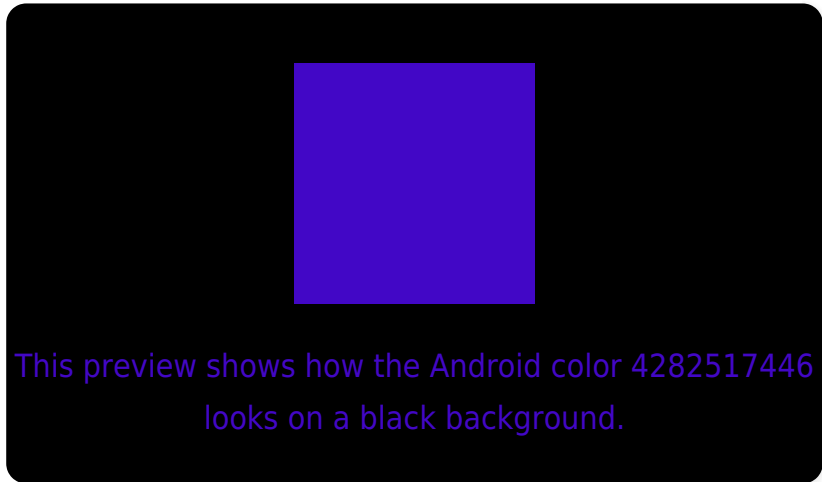
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282517446 Background



This preview shows how black text looks on a background with the Android color 4282517446.



This preview shows how white text looks on a background with the Android color 4282517446.

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

4282517446

Protanopia

4278206856

Deuteranopia

4278207859

Trichromacy



Original Color
4282517446

Protanomaly
4279774367

Deuteranomaly
4279774865

Tritanomaly
4279775866

Monochromacy



Original Color
4282517446

Achromatopsia
4281216558

Achromatomaly
4281671781

CSS Examples

Text

The CSS property to change the color of the text to Android 4282517446 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(66, 7, 198)` looks like.

```
.text, #text, p{  
    color:rgb(66, 7, 198)  
}
```

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(66, 7, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 7, 198) }
```

Border

The CSS property to change the border of an element to Android 4282517446 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(66, 7, 198) }
```

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

```
.border{ border-color:rgb(66, 7, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 7, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 7, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 7, 198);  
box-shadow:4px 4px 4px 4px rgb(66, 7, 198)  
}
```

Background

The CSS property to change the background color of an element to Android 4282517446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 7, 198) }
```

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

```
.background{ background-color: rgb(66, 7,  
198) }
```

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