

Converting Colors

Android(4282658207)

Have a look what the booklet for
Android(4282658207) contains.

Android(4282658207)	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>	28

Color

Android(4282658207)

Conversions

Conversions Part 1

Format	Color
Hex	442D9F
RGB	68, 45, 159
RGB Percent	27%, 18%, 62%
CMY	0.7333, 0.8235, 0.3765
CMYK	0.57, 0.72, 0.00, 0.38
HSL	252°, 56%, 40%
HSV	252°, 72%, 62%
XYZ	9.5803, 5.6089, 33.3786
YIQ	64.8730, -22.8860, 40.3300

Conversions

Conversions Part 2

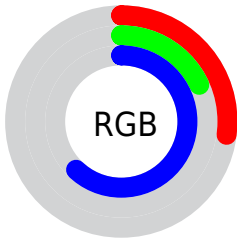
Format	Color
R _Y B	68, 45, 159
Decimal	4468127
CIE Lab	28.40, 41.30, -58.30
CIE LCh	28, 71.443, 305.314
Yxy	5.6089, 0.1973, 0.1155
Android (android.graphics.Color)	4282658207 (0xFF442D9F)
YUV	64.8730, 46.4046, 2.7424
Hunter-Lab	23.6832, 30.7611, -66.9840

Details

The Android color **4282658207** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287143725**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4286406103**, and **4278190186** is the 20% darker color. If you saturate the color by 10%, you get **4281802143**, and if you desaturate by 10%, it is **4283514271**.

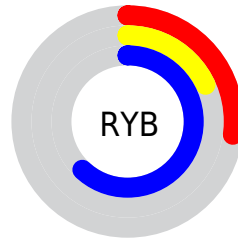
Distribution



Red (27%)

Green (18%)

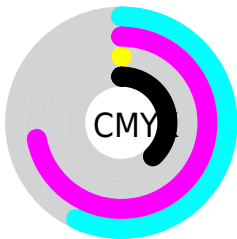
Blue (62%)



Red (27%)

Yellow (18%)

Blue (62%)

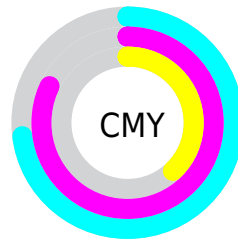


Cyan (57%)

Magenta (72%)

Yellow (0%)

Black (38%)



Cyan (73%)

Magenta (82%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282658207 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 4282658207 by changing the saturation by 10% instead.



4282658207



4282658207

4294967295



4280555140



4286406103



4278190186



4288313076



4278190161



4290220287



4278191417



4292127743



4278190627



4294035455



4278190089



4294960127



4278190080



4282658207



4282658207



4281802143



4283514271

■ 4281011615

■ 4284304799

■ 4280287391

■ 4285160863

■ 4286016927

■ 4286807455

■ 4287663263

■ 4288519327

■ 4289375391

■ 4290165919

Harmonies

Analogous

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



4278208948



4282658207



4287103090

Triad

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



4282658207



4285934592



4278212428

Complementary

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



4282658207



4287143725

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.



4278211853



4282658207



4283057408

Square

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



4282658207



4287889411



4278210560



4278212738

Rectangle

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



4282658207



4288282702



4278210560



4278212408

Sweetspot

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



4282658207



4289372623



4281174175



4283649385



4293454056



4285098345

Same Dimension

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



4282658207



4282457551



4286393759



4282992463



4280090767



4278386703

Inverse Universe

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



4288621960



4291763627



4283408173



4283385677



4287561842



4279173132

Previews

White Background



This preview shows how the Android color 4282658207 looks on a white background.

Color Contrast Check

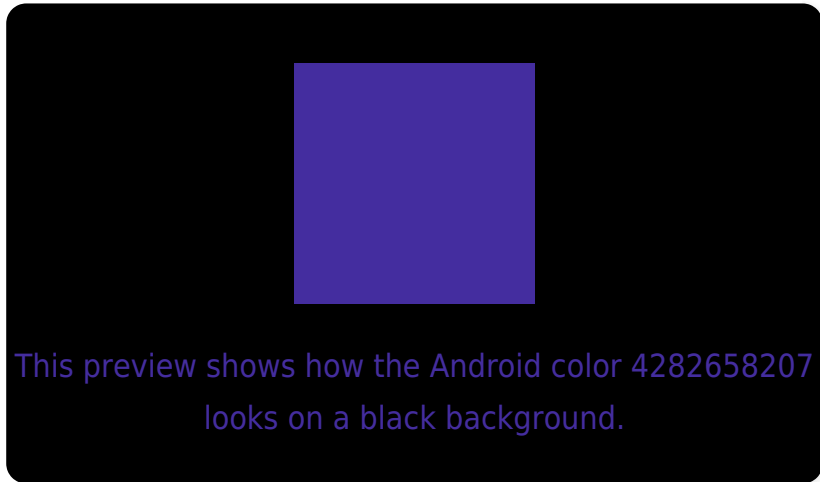
Large Text (above 18pt) WCAG AA ✓ Pass

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

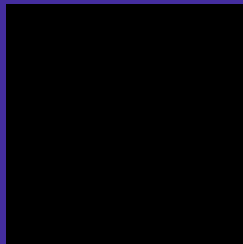
Any Text WCAG AA × Fail

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 4282658207 Background



This preview shows how black text looks on a background with the Android color 4282658207.



This preview shows how white text looks on a background with the Android color 4282658207.

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

4282658207

Protanopia

4278206857

Tritanopia

4280568142

Trichromacy



Original Color
4282658207

Protanomaly
4279843473

Tritanomaly
4281352043

Monochromacy



Original Color
4282658207

Achromatopsia
4282466625

Achromatomaly
4282530403

CSS Examples

Text

The CSS property to change the color of the text to Android 4282658207 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, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(68, 45, 159)  
}
```

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, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 45, 159) }
```

Border

The CSS property to change the border of an element to Android 4282658207 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, 45, 159) }
```

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

```
.border{ border-color:rgb(68, 45, 159) }
```

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

Here you see how a box with a 4 pixel rgb(68, 45, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(68, 45,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4282658207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 45, 159) }
```

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

```
.background{ background-color: rgb(68, 45,  
159) }
```

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