

Converting Colors

Android(4282468493)

Have a look what the booklet for
Android(4282468493) contains.

Android(4282468493)	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(4282468493)

Conversions

Conversions Part 1

Format	Color
Hex	41488D
RGB	65, 72, 141
RGB Percent	25%, 28%, 55%
CMY	0.7451, 0.7176, 0.4471
CMYK	0.54, 0.49, 0.00, 0.45
HSL	234°, 37%, 40%
HSV	234°, 54%, 55%
XYZ	9.3051, 7.6816, 26.1916
YIQ	77.7730, -26.3210, 19.9750

Conversions

Conversions Part 2

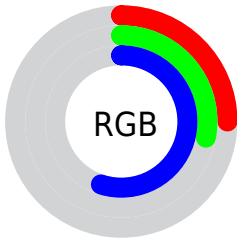
Format	Color
R_{YB}	65, 71, 141
Decimal	4278413
CIE _{Lab}	33.31, 17.90, -39.37
CIE _{LCh}	33, 43.242, 294.448
Yxy	7.6816, 0.2155, 0.1779
Android (android.graphics.Color)	4282468493 (0xFF41488D)
YUV	77.7730, 31.1709, -11.2019
Hunter-Lab	27.7158, 11.4255, -36.6284

Details

The Android color `4282468493` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4287465025`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4285954243`, and `4278197594` is the 20% darker color. If you saturate the color by 10%, you get `4281547661`, and if you desaturate by 10%, it is `4283389325`.

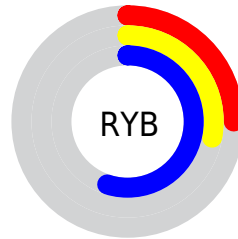
Distribution



Red (25%)

Green (28%)

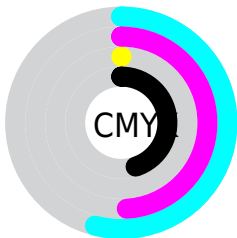
Blue (55%)



Red (25%)

Yellow (28%)

Blue (55%)

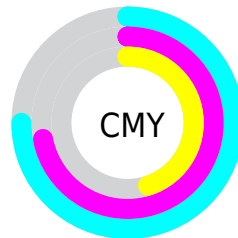


Cyan (54%)

Magenta (49%)

Yellow (0%)

Black (45%)



Cyan (75%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282468493 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 4282468493 by changing the saturation by 10% instead.

■ 4282468493

■ 4282468493

4294967295

■ 4280627827

■ 4285954243

■ 4278197594

■ 4287795935

■ 4278191426

■ 4289572348

■ 4278190891

■ 4291414271

■ 4278190358

■ 4293321983

■ 4278190080

■ 4282468493

■ 4282468493

■ 4281547661

■ 4283389325

■ 4280626829

■ 4284310157

■ 4279706253

■ 4285230733

■ 4278785421

■ 4286151565

■ 4278193549

■ 4287137933

■ 4288058765

■ 4288979597

■ 4289900173

■ 4290821005

Harmonies

Analogous

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



4278211731



4282468493



4285610103

Triad

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



4282468493



4286397462



4278214215

Complementary

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



4282468493



4287465025

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.



4279196452



4282468493



4284762880

Square

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



4282468493



4287246132



4282668292



4278214250

Rectangle

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



4282468493



4286787426



4282668292



4278213947

Sweetspot

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



4282468493



4288323000



4282486149



4283059292



4292598747



4284243036

Same Dimension

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



4282468493



4282403768



4284432781



4282401095



4278193287



4278190344

Inverse Universe

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



4287447368



4290265163



4285500737



4282859585



4287037452



4278714369

Previews

White Background



This preview shows how the Android color 4282468493 looks on a white background.

Color Contrast Check

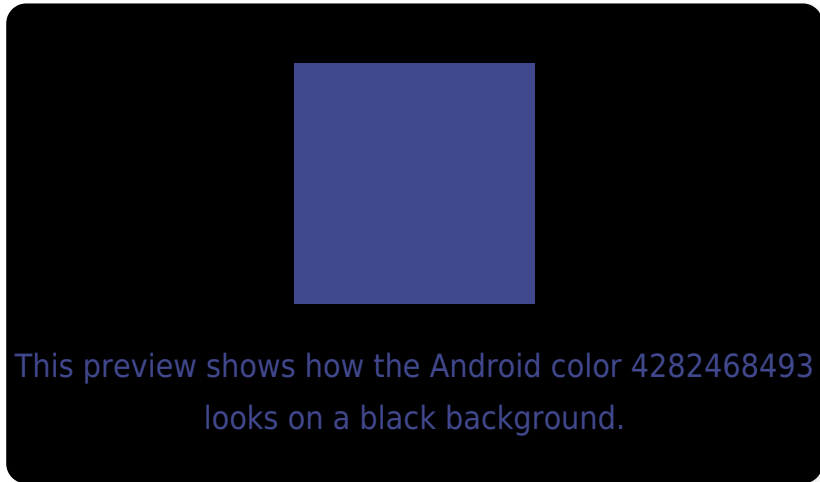
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282468493 Background



This preview shows how black text looks on a background with the Android color 4282468493.



This preview shows how white text looks on a background with the Android color 4282468493.

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

4282468493

Protanopia

4280962193

Deuteranopia

4279586699

Trichromacy



Original Color
4282468493

Protanomaly
4281486224

Deuteranomaly
4280634508

Tritanomaly
4281749613

Monochromacy



Original Color
4282468493

Achromatopsia
4283321934

Achromatomaly
4282993765

CSS Examples

Text

The CSS property to change the color of the text to Android 4282468493 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(65, 72, 141)` looks like.

```
.text, #text, p{  
    color:rgb(65, 72, 141)  
}
```

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(65, 72, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 72, 141) }
```

Border

The CSS property to change the border of an element to Android 4282468493 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(65, 72, 141) }
```

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

```
.border{ border-color:rgb(65, 72, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 72, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 72, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 72, 141);  
box-shadow:4px 4px 4px 4px rgb(65, 72,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4282468493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 72, 141) }
```

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

```
.background{ background-color: rgb(65, 72,  
141) }
```

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