

Converting Colors

Android(4283186777)

Have a look what the booklet for
Android(4283186777) contains.

Android(4283186777)	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(4283186777)

Conversions

Conversions Part 1

Format	Color
Hex	4C3E59
RGB	76, 62, 89
RGB Percent	30%, 24%, 35%
CMY	0.7020, 0.7569, 0.6510
CMYK	0.15, 0.30, 0.00, 0.65
HSL	271°, 18%, 30%
HSV	271°, 30%, 35%
XYZ	6.5063, 5.7030, 10.2091
YIQ	69.2640, -0.3230, 11.3650

Conversions

Conversions Part 2

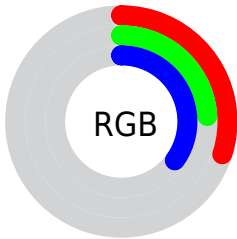
Format	Color
R_{YB}	76, 62, 89
Decimal	4996697
CIE _{Lab}	28.65, 12.08, -13.88
CIE _{LCh}	29, 18.395, 311.033
Yxy	5.7030, 0.2902, 0.2544
Android (android.graphics.Color)	4283186777 (0xFF4C3E59)
YUV	69.2640, 9.7298, 5.9075
Hunter-Lab	23.8810, 6.8399, -8.6296

Details

The Android color `4283186777` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4283128126`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4286410379`, and `4280226859` is the 20% darker color. If you saturate the color by 10%, you get `4282922329`, and if you desaturate by 10%, it is `4283451225`.

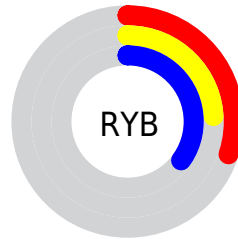
Distribution



 Red (30%)

 Green (24%)

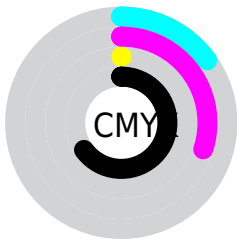
 Blue (35%)




 Red (30%)

 Yellow (24%)

 Blue (35%)

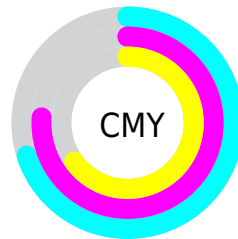


 Cyan (15%)

 Magenta (30%)

 Yellow (0%)

 Black (65%)



 Cyan (70%)

 Magenta (76%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283186777 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 4283186777 by changing the saturation by 10% instead.



4283186777



4283186777

4294967295



4281673794



4286410379



4280226859



4288120741



4278386711



4289896897



4278190080



4291738844



4293581049



4294964479



4283186777



4283186777



4282922329



4283451225

■ 4282592345

■ 4283781209

■ 4282327897

■ 4284045657

■ 4282063449

■ 4284310105

■ 4281799257

■ 4284574297

■ 4281469273

■ 4284904281

■ 4281204825

■ 4285168729

■ 4285433177

■ 4285763161

Harmonies

Analogous

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



4281877343



4283186777



4284103245

Triad

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



4283186777



4283777065



4279585608

Complementary

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



4283186777



4283128126

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.



4280765242



4283186777



4282926119

Square

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



4283186777



4284300082



4281878574



4279192150

Rectangle

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



4283186777



4284365124



4281878574



4279978820

Sweetspot

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



4283186777



4285425779



4282272601



4281873467



4290427578



4282071867

Same Dimension

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



4283186777



4284434803



4284038745



4280887083



4281860203



4286185707

Inverse Universe

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



4284038731



4285745501



4282276158



4281018153



4285202484



4293591153

Previews

White Background



This preview shows how the Android color 4283186777 looks on a white background.

Color Contrast Check

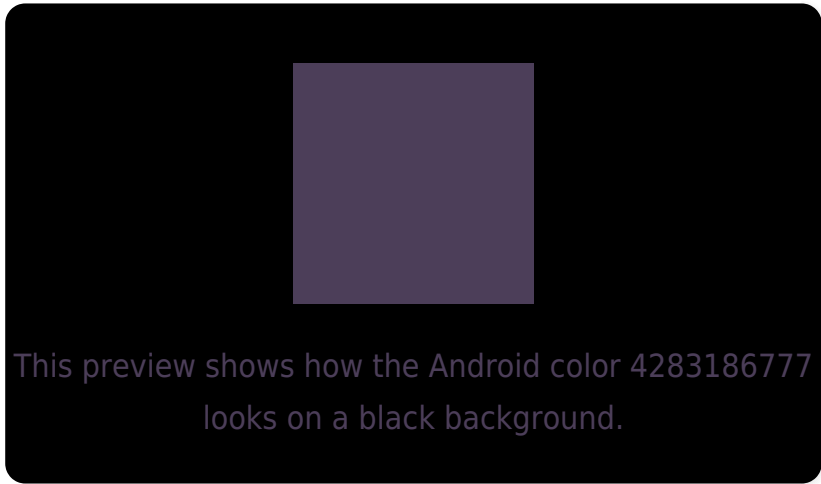
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283186777 Background



This preview shows how black text looks on a background with the Android color 4283186777.



This preview shows how white text looks on a background with the Android color 4283186777.

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

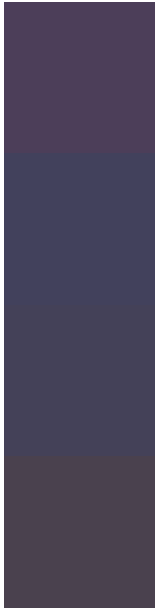


Original Color
4283186777

Protanopia
4282139485

Deuteranopia
4282336088

Trichromacy



Original Color

4283186777

Protanomaly

4282532188

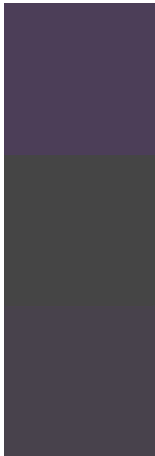
Deuteranomaly

4282663256

Tritanomaly

4283056462

Monochromacy



Original Color

4283186777

Achromatopsia

4282729797

Achromatomaly

4282925644

CSS Examples

Text

The CSS property to change the color of the text to Android 4283186777 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(76, 62, 89)` looks like.

```
.text, #text, p{  
    color:rgb(76, 62, 89)  
}
```

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(76, 62, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 62, 89) }
```

Border

The CSS property to change the border of an element to Android 4283186777 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(76, 62, 89) }
```

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

```
.border{ border-color:rgb(76, 62, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 62, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 62, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 62, 89);  
box-shadow:4px 4px 4px 4px rgb(76, 62, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4283186777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 62, 89) }
```

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

```
.background{ background-color: rgb(76, 62,  
89) }
```

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