

Converting Colors

Android(4282408294)

Have a look what the booklet for
Android(4282408294) contains.

| | |
|--|----|
| Android(4282408294) | 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(4282408294)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 405D66 |
| RGB | 64, 93, 102 |
| RGB Percent | 25%, 36%, 40% |
| CMY | 0.7490, 0.6353, 0.6000 |
| CMYK | 0.37, 0.09, 0.00, 0.60 |
| HSL | 194°, 23%, 33% |
| HSV | 194°, 37%, 40% |
| XYZ | 8.4270, 9.8780, 14.0329 |
| YIQ | 85.3550, -20.1730, -3.3490 |

Conversions

Conversions Part 2

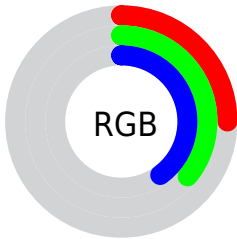
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 64, 80, 102 |
| Decimal | 4218214 |
| CIELab | 37.62, -8.18, -8.57 |
| CIELCh | 38, 11.847, 226.345 |
| Yxy | 9.8780, 0.2606, 0.3055 |
| Android (android.graphics.Color) | 4282408294 (0xFF405D66) |
| YUV | 85.3550, 8.2060, -18.7283 |
| Hunter-Lab | 31.4293, -7.1409, -4.4719 |

Details

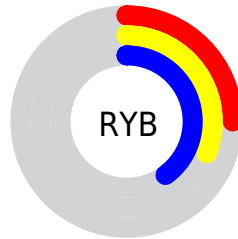
The Android color `4282408294` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284893504`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285632409`, and `4279316279` is the 20% darker color. If you saturate the color by 10%, you get `4281752422`, and if you desaturate by 10%, it is `4283064166`.

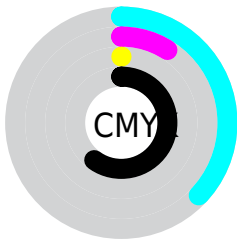
Distribution



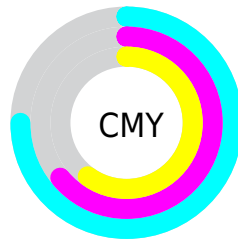
- Red (25%)
- Green (36%)
- Blue (40%)



- Red (25%)
- Yellow (31%)
- Blue (40%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (75%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282408294 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 4282408294 by changing the saturation by 10% instead.



4282408294



4282408294

4294967295



4280829262



4285632409



4279316279



4287343284



4278197026



4289119695



4278190091



4290896363



4278190080



4292804351



4294639615



4282408294



4282408294



4281752422



4283064166

■ 4281096294

■ 4283720294

■ 4280374886

■ 4284441702

■ 4279718758

■ 4285097830

■ 4279062886

■ 4285753702

■ 4278407014

■ 4286409574

■ 4278210150

■ 4287065702

■ 4287787110

■ 4288443238

Harmonies

Analogous

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



4282343006



4282408294



4282932075

Triad

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



4282408294



4285092445



4284111430

Complementary

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



4282408294



4284893504

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.



4284765766



4282408294



4285354580

Square

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



4282408294



4284568678



4285224011



4283391051

Rectangle

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



4282408294



4283455851



4285224011



4284373318

Sweetspot

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



4282408294



4285956485



4282410569



4282007618



4290953922



4282532418

Same Dimension

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



4282408294



4283004549



4282403430



4281217587



4278212723



4278237682

Inverse Universe

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



4284891229



4286925174



4284898368



4281544242



4285726808



4294049977

Previews

White Background



This preview shows how the Android color 4282408294 looks on a white background.

Color Contrast Check

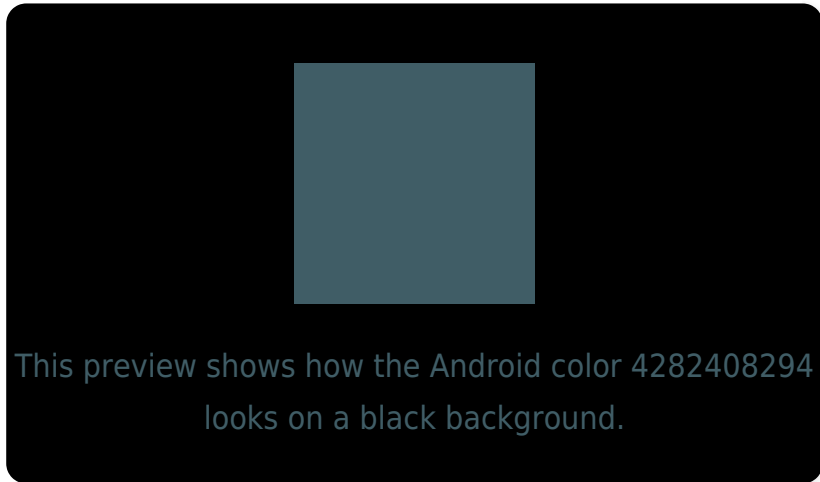
Large Text (above 18pt) WCAG AA ✓ Pass

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

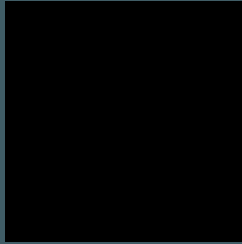
Any Text WCAG AA × Fail

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 4282408294 Background



This preview shows how black text looks on a background with the Android color 4282408294.



This preview shows how white text looks on a background with the Android color 4282408294.

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

4282408294

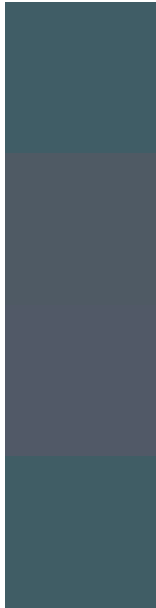
Protanopia

4283914339

Deuteranopia

4284110439

Trichromacy



Original Color

4282408294

Protanomaly

4283390564

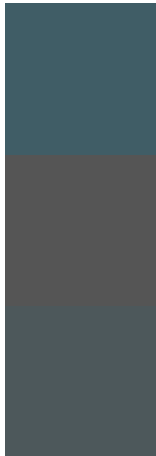
Deuteranomaly

4283521383

Tritanomaly

4282408293

Monochromacy



Original Color

4282408294

Achromatopsia

4283782485

Achromatomaly

4283258971

CSS Examples

Text

The CSS property to change the color of the text to Android 4282408294 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(64, 93, 102)` looks like.

```
.text, #text, p{  
    color:rgb(64, 93, 102)  
}
```

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(64, 93, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 93, 102) }
```

Border

The CSS property to change the border of an element to Android 4282408294 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(64, 93, 102) }
```

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

```
.border{ border-color:rgb(64, 93, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 93, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 93, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 93, 102);  
box-shadow:4px 4px 4px 4px rgb(64, 93,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4282408294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 93, 102) }
```

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

```
.background{ background-color: rgb(64, 93,  
102) }
```

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