

Converting Colors

Android(4280693568)

Have a look what the booklet for
Android(4280693568) contains.

| | |
|--|----|
| Android(4280693568) | 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(4280693568)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 263340 |
| RGB | 38, 51, 64 |
| RGB Percent | 15%, 20%, 25% |
| CMY | 0.8510, 0.8000, 0.7490 |
| CMYK | 0.41, 0.20, 0.00, 0.75 |
| HSL | 210°, 25%, 20% |
| HSV | 210°, 41%, 25% |
| XYZ | 2.9086, 3.1499, 5.3052 |
| YIQ | 48.5950, -11.9210, 1.2870 |

Conversions

Conversions Part 2

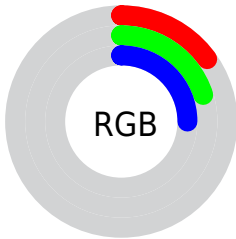
| Format | Color |
|-------------------------------------|---|
| RYB | 38, 47, 64 |
| Decimal | 2503488 |
| CIELab | 20.63, -1.51, -9.89 |
| CIELCh | 21, 10.001, 261.291 |
| Yxy | 3.1499, 0.2560, 0.2772 |
| Android (android.graphics.Color) | 4280693568 (0xFF263340) |
| YUV | 48.5950, 7.5947, -9.2918 |
| Hunter-Lab | 17.7479, -1.8059, -5.2993 |

Details

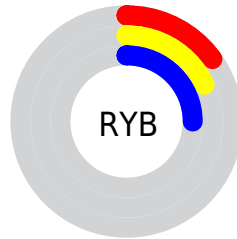
The Android color **4280693568** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282397478**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4283720048**, and **4278191126** is the 20% darker color. If you saturate the color by 10%, you get **4280299584**, and if you desaturate by 10%, it is **4281087552**.

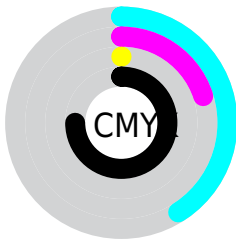
Distribution



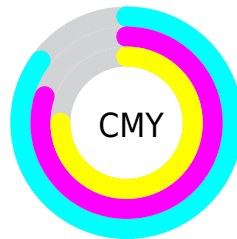
- Red (15%)
- Green (20%)
- Blue (25%)



- Red (15%)
- Yellow (18%)
- Blue (25%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280693568 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 4280693568 by changing the saturation by 10% instead.

■ 4280693568

■ 4280693568

4294967295

■ 4279311914

■ 4283720048

■ 4278191126

■ 4285364873

■ 4278190080

■ 4287009955

■ 4288720574

■ 4290497242

■ 4292339447

■ 4294246399

■ 4280693568

■ 4280693568

■ 4280299584

■ 4281087552

■ 4279840064

■ 4281547072

■ 4279445824

■ 4281941312

■ 4278986304

■ 4282400832

■ 4278592320

■ 4282794816

■ 4278198336

■ 4283188800

■ 4283648320

■ 4284042560

■ 4284502080

Harmonies

Analogous

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



4280169789



4280693568



4281348415

Triad

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



4280693568



4282461485



4280890664

Complementary

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



4280693568



4282397478

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.



4281479972



4280693568



4282330663

Square

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



4280693568



4282330420



4281937955



4280366639

Rectangle

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



4280693568



4281741117



4281937955



4281087015

Sweetspot

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



4280693568



4283060052



4280696883



4280625195



4289440683



4281019179

Same Dimension

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



4280693568



4281024596



4280690240



4280164129



4278202465



4278218976

Inverse Universe

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



4282394163



4283706176



4282400806



4280360479



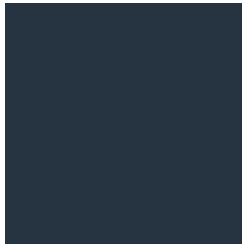
4284547120



4292870256

Previews

White Background



This preview shows how the Android color 4280693568 looks on a white background.

Color Contrast Check

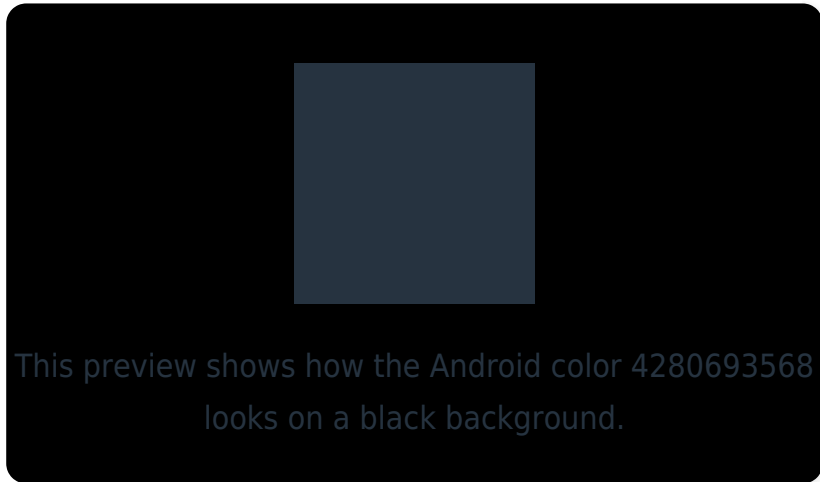
Large Text (above 18pt) WCAG AA ✓ Pass

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

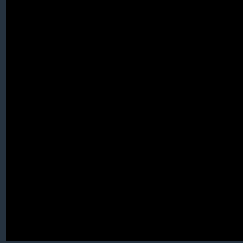
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

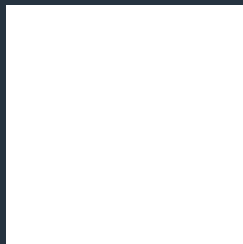
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280693568 Background



This preview shows how black text looks on a background with the Android color 4280693568.



This preview shows how white text looks on a background with the Android color 4280693568.

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
4280693568

Protanopia
4281217343

Deuteranopia
4281217344

Trichromacy



Original Color

4280693568

Protanomaly

4281020991

Deuteranomaly

4281020992

Tritanomaly

4280628284

Monochromacy



Original Color

4280693568

Achromatopsia

4281413937

Achromatomaly

4281152054

CSS Examples

Text

The CSS property to change the color of the text to Android 4280693568 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(38, 51, 64) looks like.

```
.text, #text, p{  
    color:rgb(38, 51, 64)  
}
```

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(38, 51, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 51, 64) }
```

Border

The CSS property to change the border of an element to Android 4280693568 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(38, 51, 64) }
```

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

```
.border{ border-color:rgb(38, 51, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 51, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 51, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 51, 64);  
box-shadow:4px 4px 4px 4px rgb(38, 51, 64)  
}
```

Background

The CSS property to change the background color of an element to Android 4280693568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 51, 64) }
```

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

```
.background{ background-color: rgb(38, 51,  
64) }
```

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