

Converting Colors

Android(4280565333)

Have a look what the booklet for
Android(4280565333) contains.

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Color

Android(4280565333)

Conversions

Conversions Part 1

Format	Color
Hex	243E55
RGB	36, 62, 85
RGB Percent	14%, 24%, 33%
CMY	0.8588, 0.7569, 0.6667
CMYK	0.58, 0.27, 0.00, 0.67
HSL	208°, 40%, 24%
HSV	208°, 58%, 33%
XYZ	4.0899, 4.4762, 9.2428
YIQ	56.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

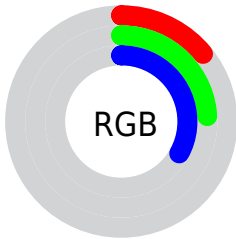
Format	Color
R_{YB}	36, 53, 85
Decimal	2375253
CIE _{Lab}	25.19, -2.32, -16.89
CIE _{LCh}	25, 17.044, 262.177
Yxy	4.4762, 0.2297, 0.2513
Android (android.graphics.Color)	4280565333 (0xFF243E55)
YUV	56.8480, 13.8789, -18.2837
Hunter-Lab	21.1570, -2.5189, -11.0918

Details

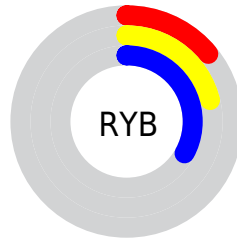
The Android color **4280565333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283775780**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283788679**, and **4278195240** is the 20% darker color. If you saturate the color by 10%, you get **4280040021**, and if you desaturate by 10%, it is **4281156181**.

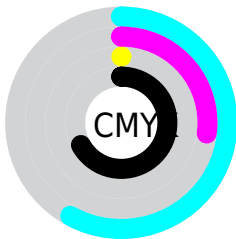
Distribution



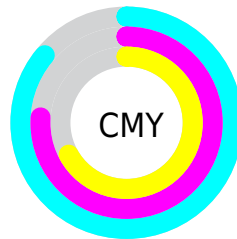
- Red (14%)
- Green (24%)
- Blue (33%)



- Red (14%)
- Yellow (21%)
- Blue (33%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280565333 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 4280565333 by changing the saturation by 10% instead.

■ 4280565333

■ 4280565333

4294967295

■ 4278855742

■ 4283788679

■ 4278195240

■ 4285433761

■ 4278190355

■ 4287144380

■ 4278190080

■ 4288920792

■ 4290697204

■ 4292539647

■ 4294443007

■ 4280565333

■ 4280565333

■ 4280040021

■ 4281156181

■ 4279449173

■ 4281681493

■ 4278858325

■ 4282206805

■ 4278333013

■ 4282797653

■ 4278201685

■ 4283322965

■ 4283913813

■ 4284439125

■ 4285029973

■ 4285620821

Harmonies

Analogous

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



4279255376



4280565333



4281940563

Triad

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



4280565333



4283773491



4281090348

Complementary

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



4280565333



4283775780

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.



4282072612



4280565333



4283512104

Square

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



4280565333



4283642432



4282858018



4280042040

Rectangle

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



4280565333



4282660687



4282858018



4281417768

Sweetspot

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



4280565333



4284179822



4280571195



4281152312



4290295992



4281874488

Same Dimension

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



4280565333



4280437358



4280559189



4280756523



4278204779



4278222059

Inverse Universe

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



4283769918



4285407818



4283781924



4281018153



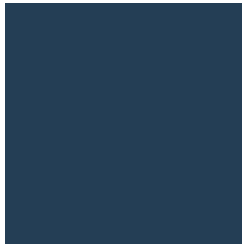
4285202489



4293591164

Previews

White Background



This preview shows how the Android color 4280565333 looks on a white background.

Color Contrast Check

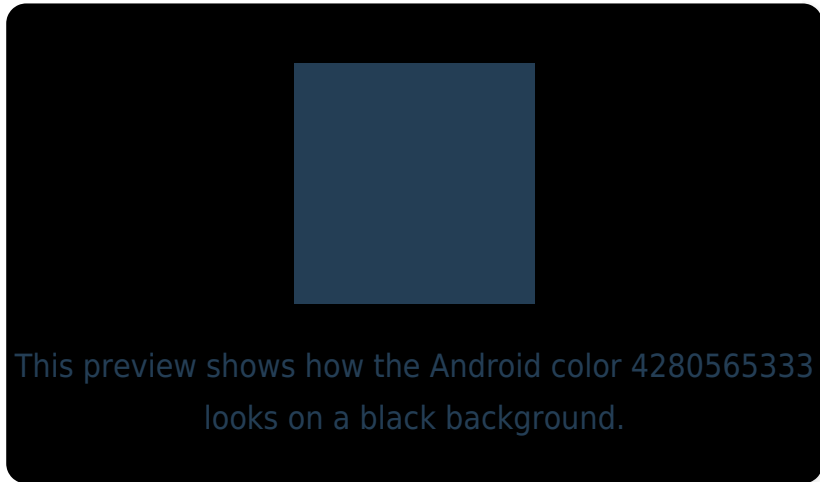
Large Text (above 18pt) WCAG AA ✓ Pass

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

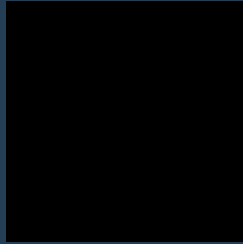
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

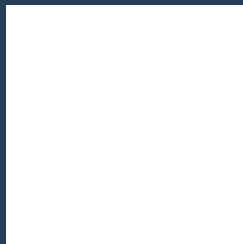
Any Text WCAG AAA × Fail

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

Android 4280565333 Background



This preview shows how black text looks on a background with the Android color 4280565333.



This preview shows how white text looks on a background with the Android color 4280565333.

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

4280565333

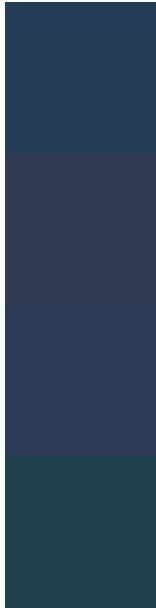
Protanopia

4281678674

Deuteranopia

4281482070

Trichromacy



Original Color

4280565333

Protanomaly

4281285715

Deuteranomaly

4281154646

Tritanomaly

4280303691

Monochromacy



Original Color

4280565333

Achromatopsia

4281940281

Achromatomaly

4281416515

CSS Examples

Text

The CSS property to change the color of the text to Android 4280565333 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(36, 62, 85)` looks like.

```
.text, #text, p{  
    color:rgb(36, 62, 85)  
}
```

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(36, 62, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 62, 85) }
```

Border

The CSS property to change the border of an element to Android 4280565333 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(36, 62, 85) }
```

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

```
.border{ border-color:rgb(36, 62, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 62, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 62, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 62, 85);  
box-shadow:4px 4px 4px 4px rgb(36, 62, 85)  
}
```

Background

The CSS property to change the background color of an element to Android 4280565333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 62, 85) }
```

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

```
.background{ background-color: rgb(36, 62,  
85) }
```

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](#).

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