

Converting Colors

Android(4280367686)

Have a look what the booklet for
Android(4280367686) contains.

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Color

Android(4280367686)

Conversions

Conversions Part 1

Format	Color
Hex	213A46
RGB	33, 58, 70
RGB Percent	13%, 23%, 27%
CMY	0.8706, 0.7725, 0.7255
CMYK	0.53, 0.17, 0.00, 0.73
HSL	199°, 36%, 20%
HSV	199°, 53%, 27%
XYZ	3.2457, 3.7916, 6.3551
YIQ	51.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

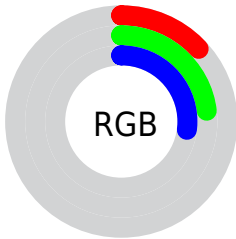
Format	Color
R_{YB}	33, 48, 70
Decimal	2177606
CIE _{Lab}	22.97, -5.76, -10.39
CIE _{LCh}	23, 11.879, 241.002
Yxy	3.7916, 0.2424, 0.2831
Android (android.graphics.Color)	4280367686 (0xFF213A46)
YUV	51.8930, 8.9268, -16.5692
Hunter-Lab	19.4721, -4.3227, -5.7200

Details

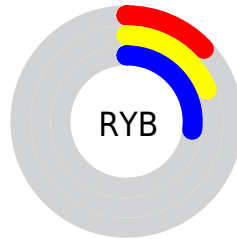
The Android color **4280367686** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282789153**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4283459958**, and **4278193947** is the 20% darker color. If you saturate the color by 10%, you get **4279908422**, and if you desaturate by 10%, it is **4280826950**.

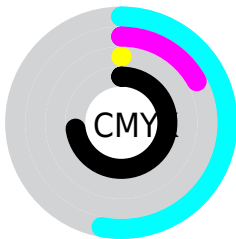
Distribution



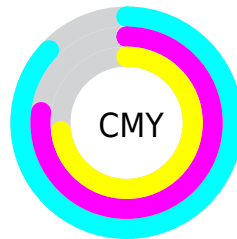
- Red (13%)
- Green (23%)
- Blue (27%)



- Red (13%)
- Yellow (19%)
- Blue (27%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280367686 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 4280367686 by changing the saturation by 10% instead.



4280367686



4280367686

4294967295



4278789168



4283459958



4278193947



4285104784



4278190080



4286749866



4288526278



4290302946



4292145150



4293984255



4280367686



4280367686

■ 4279908422

■ 4280826950

■ 4279448902

■ 4281286470

■ 4278989638

■ 4281745734

■ 4278530374

■ 4282204998

■ 4278202182

■ 4282664262

■ 4283123782

■ 4283583046

■ 4284042310

■ 4284501574

Harmonies

Analogous

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



4280040256



4280367686



4281087816

Triad

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



4280367686



4282921015



4281547047

Complementary

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



4280367686



4282789153

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.



4282201637



4280367686



4282921262

Square

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



4280367686



4282528320



4282659624



4280892206

Rectangle

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



4280367686



4281677127



4282659624



4281808934

Sweetspot

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



4280367686



4283258716



4280370733



4280625966



4289572269



4281216558

Same Dimension

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



4280367686



4280437084



4280363078



4280296228



4278207331



4278229475

Inverse Universe

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



4282786106



4284228169



4282793761



4280557603



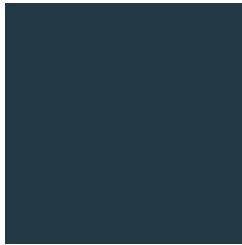
4284678211



4293066905

Previews

White Background



This preview shows how the Android color 4280367686 looks on a white background.

Color Contrast Check

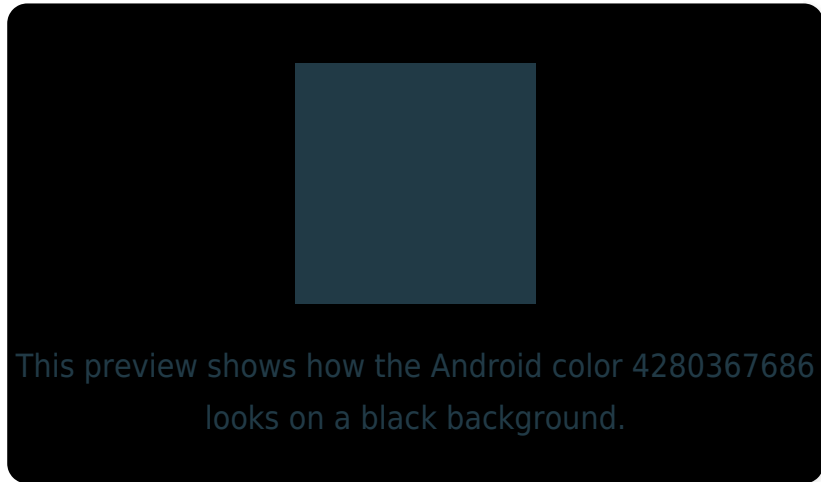
Large Text (above 18pt) WCAG AA ✓ Pass

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

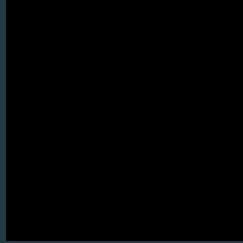
Any Text WCAG AA × Fail

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 4280367686 Background



This preview shows how black text looks on a background with the Android color 4280367686.



This preview shows how white text looks on a background with the Android color 4280367686.

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
4280367686

Protanopia
4281611843

Deuteranopia
4281546311

Trichromacy



Original Color

4280367686

Protanomaly

4281153348

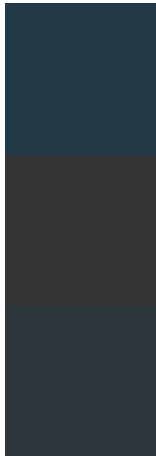
Deuteranomaly

4281087815

Tritanomaly

4280302402

Monochromacy



Original Color

4280367686

Achromatopsia

4281611316

Achromatomaly

4281153083

CSS Examples

Text

The CSS property to change the color of the text to Android 4280367686 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(33, 58, 70) looks like.

```
.text, #text, p{  
    color:rgb(33, 58, 70)  
}
```

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(33, 58, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 58, 70) }
```

Border

The CSS property to change the border of an element to Android 4280367686 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(33, 58, 70) }
```

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

```
.border{ border-color:rgb(33, 58, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 58, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 58, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 58, 70);  
box-shadow:4px 4px 4px 4px rgb(33, 58, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4280367686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 58, 70) }
```

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

```
.background{ background-color: rgb(33, 58,  
70) }
```

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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