

Converting Colors

Android(4280366887)

Have a look what the booklet for
Android(4280366887) contains.

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Color

Android(4280366887)

Conversions

Conversions Part 1

Format	Color
Hex	213727
RGB	33, 55, 39
RGB Percent	13%, 22%, 15%
CMY	0.8706, 0.7843, 0.8471
CMYK	0.40, 0.00, 0.29, 0.78
HSL	136°, 25%, 17%
HSV	136°, 40%, 22%
XYZ	2.3596, 3.2022, 2.4132
YIQ	46.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

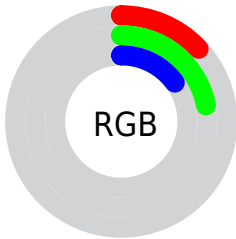
Format	Color
R_{YB}	33, 50, 55
Decimal	2176807
CIE _{Lab}	20.84, -12.92, 7.33
CIE _{LCh}	21, 14.852, 150.419
Yxy	3.2022, 0.2959, 0.4015
Android (android.graphics.Color)	4280366887 (0xFF213727)
YUV	46.5980, -3.7458, -11.9254
Hunter-Lab	17.8947, -7.7786, 4.5307

Details

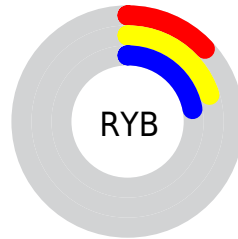
The Android color **4280366887** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281803057**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4283328084**, and **4278191616** is the 20% darker color. If you saturate the color by 10%, you get **4280039203**, and if you desaturate by 10%, it is **4280760107**.

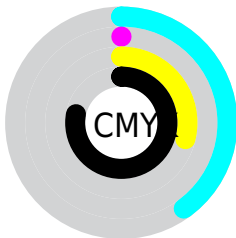
Distribution



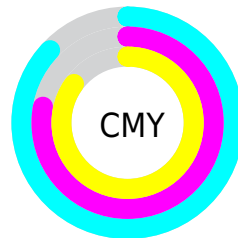
- Red (13%)
- Green (22%)
- Blue (15%)



- Red (13%)
- Yellow (20%)
- Blue (22%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280366887 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 4280366887 by changing the saturation by 10% instead.



4280366887



4280366887

4294967295



4278984979



4283328084



4278191616



4284907372



4278190080



4286617989



4288328864



4290105275



4291882198



4293787635



4280366887



4280366887

■ 4280039203

■ 4280760107

■ 4279645983

■ 4281087791

■ 4279318299

■ 4281481011

■ 4278925079

■ 4281808695

■ 4278531859

■ 4282201915

■ 4278204175

■ 4282529599

■ 4282922819

■ 4283250503

■ 4283643723

Harmonies

Analogous

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



4281218335



4280366887



4279515186

Triad

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



4280366887



4280496968



4282854184

Complementary

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



4280366887



4281803057

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.



4282853938



4280366887



4281610053

Square

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



4280366887



4279383621



4282395709



4282527263

Rectangle

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



4280366887



4278990905



4282395709



4282919467

Sweetspot

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



4280366887



4282337089



4281415457



4280230944



4288914339



4280558628

Same Dimension

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



4280366887



4280633134



4280366898



4279835674



4278213657



4278246204

Inverse Universe

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



4281803057



4282852670



4281803046



4280031515



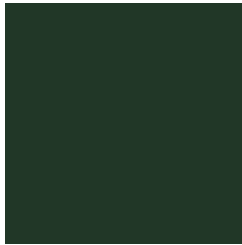
4284219459



4292542623

Previews

White Background



This preview shows how the Android color 4280366887 looks on a white background.

Color Contrast Check

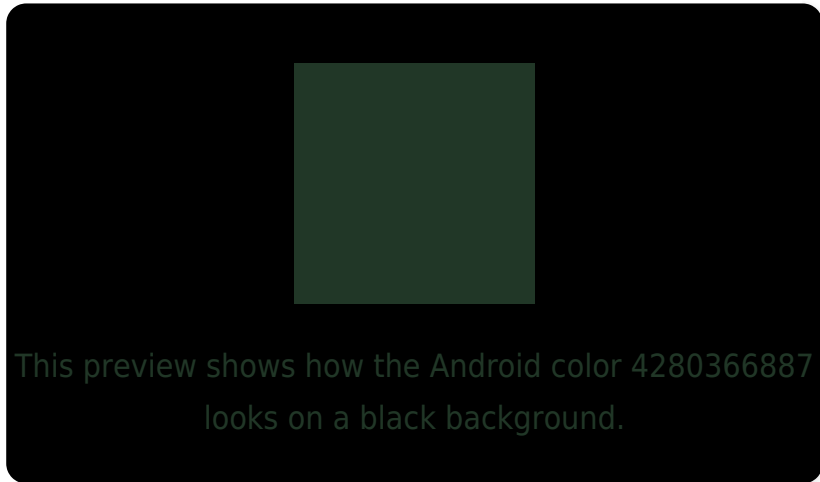
Large Text (above 18pt) WCAG AA ✓ Pass

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

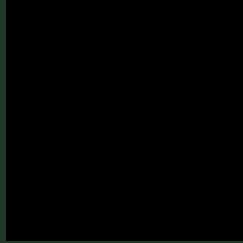
Any Text WCAG AA × Fail

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 4280366887 Background



This preview shows how black text looks on a background with the Android color 4280366887.

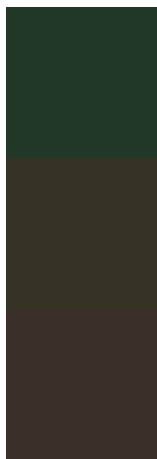


This preview shows how white text looks on a background with the Android color 4280366887.

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

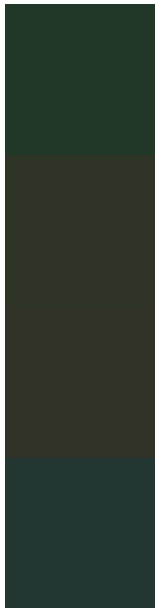


Original Color
4280366887

Protanopia
4281741861

Deuteranopia
4282003497

Trichromacy



Original Color

4280366887

Protanomaly

4281218086

Deuteranomaly

4281414440

Tritanomaly

4280563250

Monochromacy



Original Color

4280366887

Achromatopsia

4281282351

Achromatomaly

4280955436

CSS Examples

Text

The CSS property to change the color of the text to Android 4280366887 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, 55, 39)` looks like.

```
.text, #text, p{  
    color:rgb(33, 55, 39)  
}
```

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, 55, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 55, 39) }
```

Border

The CSS property to change the border of an element to Android 4280366887 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, 55, 39) }
```

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

```
.border{ border-color:rgb(33, 55, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 55, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 55, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 55, 39);  
box-shadow:4px 4px 4px 4px rgb(33, 55, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4280366887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 55, 39) }
```

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

```
.background{ background-color: rgb(33, 55,  
39) }
```

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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