

Converting Colors

Android(4280361267)

Have a look what the booklet for
Android(4280361267) contains.

Android(4280361267)	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(4280361267)

Conversions

Conversions Part 1

Format	Color
Hex	212133
RGB	33, 33, 51
RGB Percent	13%, 13%, 20%
CMY	0.8706, 0.8706, 0.8000
CMYK	0.35, 0.35, 0.00, 0.80
HSL	240°, 21%, 16%
HSV	240°, 35%, 20%
XYZ	1.7686, 1.6501, 3.3572
YIQ	35.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

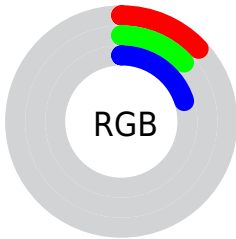
Format	Color
RYB	33, 33, 51
Decimal	2171187
CIELab	13.53, 5.20, -11.80
CIELCh	14, 12.894, 293.796
Yxy	1.6501, 0.2610, 0.2435
Android (android.graphics.Color)	4280361267 (0xFF212133)
YUV	35.0520, 7.8624, -1.7996
Hunter-Lab	12.8455, 2.0967, -6.5040

Details

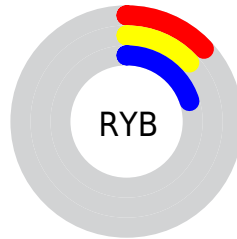
The Android color **4280361267** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281545505**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4283321697**, and **4278190082** is the 20% darker color. If you saturate the color by 10%, you get **4280032307**, and if you desaturate by 10%, it is **4280690227**.

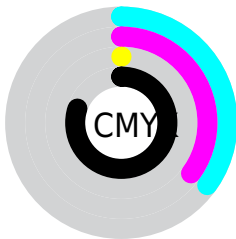
Distribution



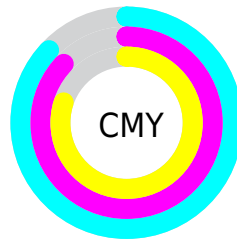
- Red (13%)
- Green (13%)
- Blue (20%)



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



- Cyan (35%)
- Magenta (35%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280361267 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 4280361267 by changing the saturation by 10% instead.



4280361267



4280361267

4294967295



4278979102



4283321697



4278190082



4284900730



4278190080



4286545556



4288256175



4290032330



4291874534



4293716735



4280361267



4280361267

■ 4280032307

■ 4280690227

■ 4279703347

■ 4281019187

■ 4279374387

■ 4281348147

■ 4279045427

■ 4281677107

■ 4278716467

■ 4282071859

■ 4278321715

■ 4282400819

■ 4278190131

■ 4282729779

■ 4283058739

■ 4283387699

Harmonies

Analogous

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



4279378996



4280361267



4281081389

Triad

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



4280361267



4281409044



4278920992

Complementary

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



4280361267



4281545505

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.



4279707160



4280361267



4280951056

Square

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



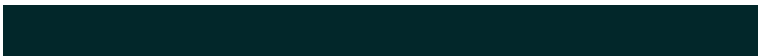
4280361267



4281605148



4280362002



4278331178

Rectangle

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



4280361267



4281408552



4280362002



4279183133

Sweetspot

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



4280361267



4282071874



4280365875



4280098081



4288782753



4280361249

Same Dimension

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



4280361267



4280690242



4280951091



4279703322



4278190169



4278190297

Inverse Universe

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



4281540915



4282525250



4280955681



4279899930



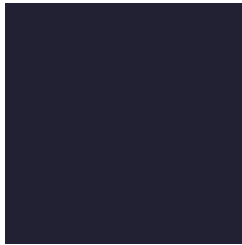
4284022873



4292411609

Previews

White Background



This preview shows how the Android color 4280361267 looks on a white background.

Color Contrast Check

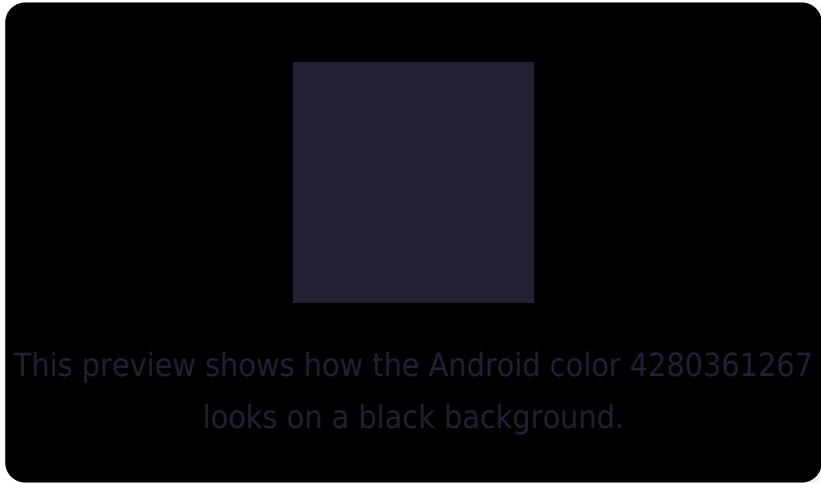
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280361267 Background



This preview shows how black text looks on a background with the Android color 4280361267.

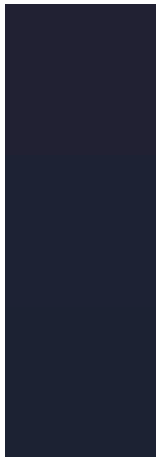


This preview shows how white text looks on a background with the Android color 4280361267.

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
4280361267

Protanopia
4280099380

Deuteranopia
4280033843



Tritanopia
4280165414

Trichromacy



Original Color

4280361267

Protanomaly

4280164916

Deuteranomaly

4280164915

Tritanomaly

4280230699

Monochromacy



Original Color

4280361267

Achromatopsia

4280492835

Achromatomaly

4280427049

CSS Examples

Text

The CSS property to change the color of the text to Android 4280361267 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, 33, 51)` looks like.

```
.text, #text, p{  
    color:rgb(33, 33, 51)  
}
```

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, 33, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 33, 51) }
```

Border

The CSS property to change the border of an element to Android 4280361267 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, 33, 51) }
```

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

```
.border{ border-color:rgb(33, 33, 51) }
```

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

Here you see how a box with a 4 pixel rgb(33, 33, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 33, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 33, 51);  
box-shadow:4px 4px 4px 4px rgb(33, 33, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4280361267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 33, 51) }
```

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

```
.background{ background-color: rgb(33, 33,  
51) }
```

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