

Converting Colors

Android(4280231715)

Have a look what the booklet for
Android(4280231715) contains.

Android(4280231715)	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(4280231715)

Conversions

Conversions Part 1

Format	Color
Hex	1F2723
RGB	31, 39, 35
RGB Percent	12%, 15%, 14%
CMY	0.8784, 0.8471, 0.8627
CMYK	0.21, 0.00, 0.10, 0.85
HSL	150°, 11%, 14%
HSV	150°, 21%, 15%
XYZ	1.5940, 1.8637, 1.8658
YIQ	36.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

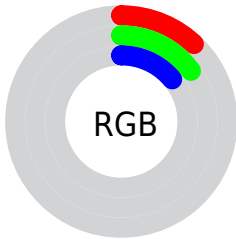
Format	Color
R_YB	31, 36, 39
Decimal	2041635
CIE Lab	14.76, -4.58, 1.46
CIE LCh	15, 4.810, 162.288
Yxy	1.8637, 0.2994, 0.3501
Android (android.graphics.Color)	4280231715 (0xFF1F2723)
YUV	36.1520, -0.5679, -4.5183
Hunter-Lab	13.6517, -3.0490, 1.4528

Details

The Android color **4280231715** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280753955**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4283126863**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279969569**, and if you desaturate by 10%, it is **4280493861**.

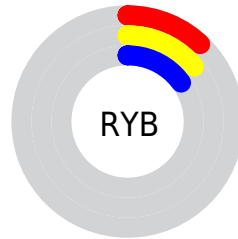
Distribution



Red (12%)

Green (15%)

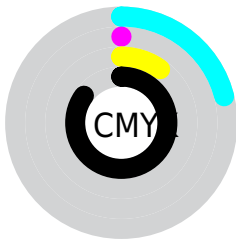
Blue (14%)



Red (12%)

Yellow (14%)

Blue (15%)

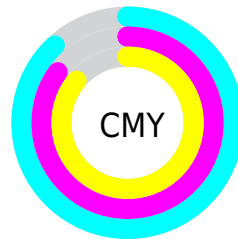


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (85%)



Cyan (88%)

Magenta (85%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280231715 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 4280231715 by changing the saturation by 10% instead.



4280231715



4280231715

4294967295



4278653709



4283126863



4278190080



4284705895



4286350720



4287995802



4289772213



4291614417



4293456877



4280231715



4280231715

■ 4279969569

■ 4280493861

■ 4279707423

■ 4280756007

■ 4279445277

■ 4281018153

■ 4279183131

■ 4281280299

■ 4278920985

■ 4281542445

■ 4278724375

■ 4281739055

■ 4278462229

■ 4282001201

■ 4278200084

■ 4282263347

■ 4282525493

Harmonies

Analogous

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



4280493600



4280231715



4280100646

Triad

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



4280231715



4280493356



4281082657

Complementary

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



4280231715



4280753955

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.



4281082660



4280231715



4280820778

Square

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



4280231715



4280231467



4281017127



4280951839

Rectangle

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



4280231715



4280100649



4281017127



4281082658

Sweetspot

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



4280231715



4281348913



4280493855



4279769625



4288256409



4279900698

Same Dimension

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



4280231715



4280693549



4280231719



4279374867



4278211626



4278244458

Inverse Universe

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



4280753955



4281542189



4280753951



4279505427



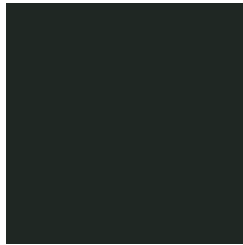
4283695146



4292083818

Previews

White Background



This preview shows how the Android color 4280231715 looks on a white background.

Color Contrast Check

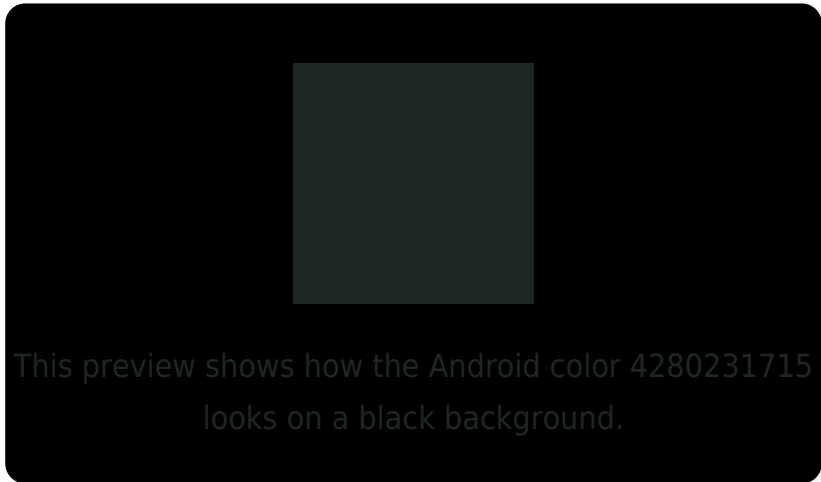
Large Text (above 18pt) WCAG AA ✓ Pass

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

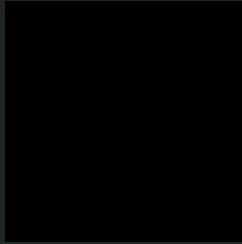
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

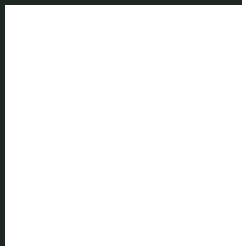
Any Text WCAG AAA × Fail

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

Android 4280231715 Background



This preview shows how black text looks on a background with the Android color 4280231715.

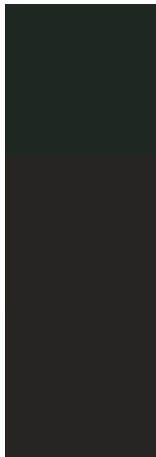


This preview shows how white text looks on a background with the Android color 4280231715.

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
4280231715

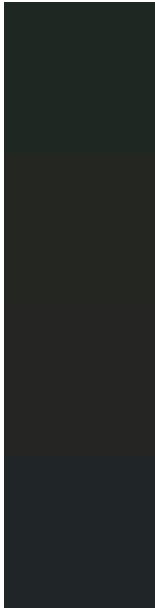
Protanopia
4280755490

Deuteranopia
4280886308



Tritanopia
4280297001

Trichromacy



Original Color

4280231715

Protanomaly

4280559138

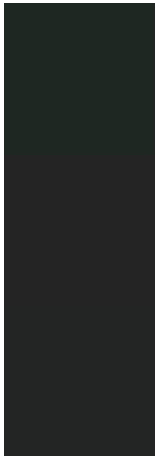
Deuteranomaly

4280624420

Tritanomaly

4280296999

Monochromacy



Original Color

4280231715

Achromatopsia

4280558628

Achromatomaly

4280427812

CSS Examples

Text

The CSS property to change the color of the text to Android 4280231715 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(31, 39, 35)` looks like.

```
.text, #text, p{  
    color:rgb(31, 39, 35)  
}
```

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(31, 39, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 39, 35) }
```

Border

The CSS property to change the border of an element to Android 4280231715 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(31, 39, 35) }
```

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

```
.border{ border-color:rgb(31, 39, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 39, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 39, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 39, 35);  
box-shadow:4px 4px 4px 4px rgb(31, 39, 35)  
}
```

Background

The CSS property to change the background color of an element to Android 4280231715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 39, 35) }
```

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

```
.background{ background-color: rgb(31, 39,  
35) }
```

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