

Converting Colors

Android(4280757763)

Have a look what the booklet for
Android(4280757763) contains.

Android(4280757763)	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(4280757763)

Conversions

Conversions Part 1

Format	Color
Hex	272E03
RGB	39, 46, 3
RGB Percent	15%, 18%, 1%
CMY	0.8471, 0.8196, 0.9882
CMYK	0.15, 0.00, 0.93, 0.82
HSL	70°, 88%, 10%
HSV	70°, 93%, 18%
XYZ	1.8301, 2.3919, 0.4514
YIQ	39.0050, 9.6310, -14.8570

Conversions

Conversions Part 2

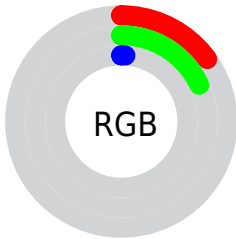
Format	Color
R_YB	3, 46, 10
Decimal	2567683
CIE Lab	17.42, -10.05, 23.58
CIE LCh	17, 25.634, 113.078
Yxy	2.3919, 0.3916, 0.5118
Android (android.graphics.Color)	4280757763 (0xFF272E03)
YUV	39.0050, -17.7505, -0.0044
Hunter-Lab	15.4658, -5.9424, 9.0956

Details

The Android color **4280757763** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278846254**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4283784241**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280757760**, and if you desaturate by 10%, it is **4280823304**.

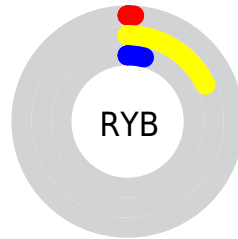
Distribution



Red (15%)

Green (18%)

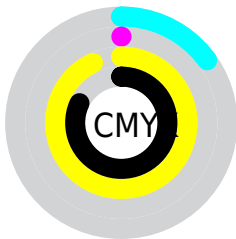
Blue (1%)



Red (1%)

Yellow (18%)

Blue (4%)

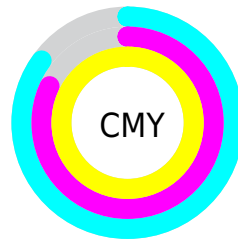


Cyan (15%)

Magenta (0%)

Yellow (93%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280757763 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 4280757763 by changing the saturation by 10% instead.

 4280757763

 4280757763

 4294967270

 4279179776

 4283784241

 4278190080

 4285428808

 4287139424

 4288850041

 4290691987

 4292534190

 4294376650

 4280757763

 4280757763

■ 4280757760

■ 4280823304

■ 4280823308

■ 4280888849

■ 4280954389

■ 4281019930

■ 4281019935

■ 4281085475

■ 4281151016

■ 4281216556

Harmonies

Analogous

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



4281870336



4280757763



4279185939

Triad

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



4280757763



4278202952



4283046448

Complementary

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



4280757763



4278846254

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.



4282196033



4280757763



4278201935

Square

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



4280757763



4278203449



4280494157



4283177757

Rectangle

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



4280757763



4278203167



4280494157



4282850102

Sweetspot

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



4280757763



4281875242



4281207043



4280098580



4288585374



4280229663

Same Dimension

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



4280757763



4281416448



4279381507



4279703317



4282996480



4289975808

Inverse Universe

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



4278846254



4278845499



4280222510



4279571735



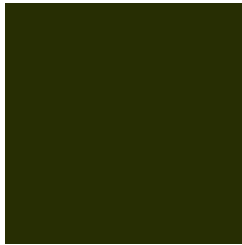
4279107671



4280484054

Previews

White Background



This preview shows how the Android color 4280757763 looks on a white background.

Color Contrast Check

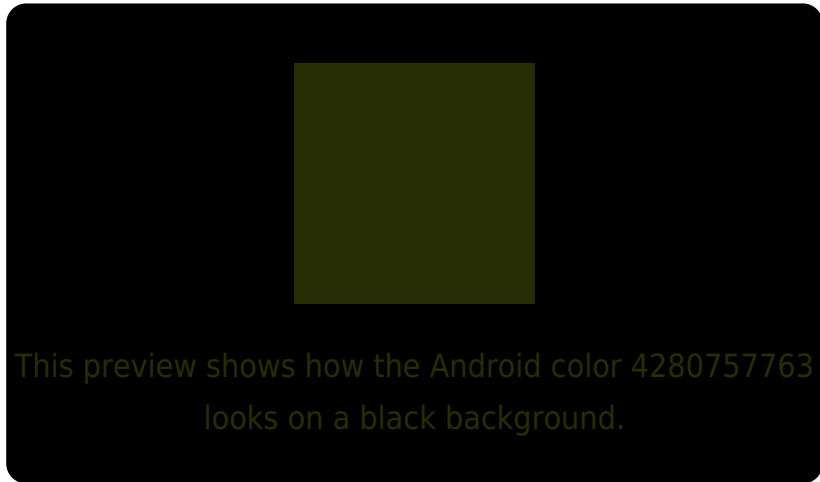
Large Text (above 18pt) WCAG AA ✓ Pass

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

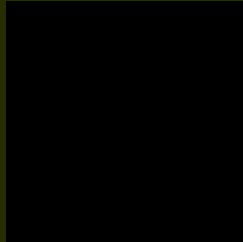
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

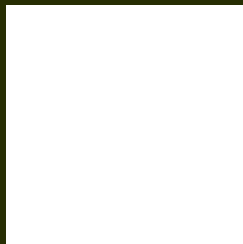
Any Text WCAG AAA × Fail

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

Android 4280757763 Background



This preview shows how black text looks on a background with the Android color 4280757763.

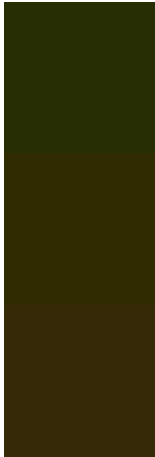


This preview shows how white text looks on a background with the Android color 4280757763.

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
4280757763

Protanopia
4281346816

Deuteranopia
4281739528

Trichromacy



Original Color

4280757763

Protanomaly

4281150465

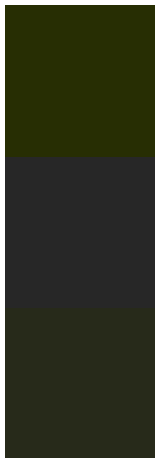
Deuteranomaly

4281412358

Tritanomaly

4280953886

Monochromacy



Original Color

4280757763

Achromatopsia

4280756007

Achromatomaly

4280756762

CSS Examples

Text

The CSS property to change the color of the text to Android 4280757763 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(39, 46, 3)` looks like.

```
.text, #text, p{  
    color:rgb(39, 46, 3)  
}
```

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(39, 46, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 46, 3) }
```

Border

The CSS property to change the border of an element to Android 4280757763 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(39, 46, 3) }
```

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

```
.border{ border-color:rgb(39, 46, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 46, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 46, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 46, 3); box-shadow:4px  
4px 4px 4px rgb(39, 46, 3) }
```

Background

The CSS property to change the background color of an element to Android 4280757763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 46, 3) }
```

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

```
.background{ background-color: rgb(39, 46,  
3) }
```

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