

Converting Colors

Android(4279637002)

Have a look what the booklet for
Android(4279637002) contains.

Android(4279637002)	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(4279637002)

Conversions

Conversions Part 1

Format	Color
Hex	16140A
RGB	22, 20, 10
RGB Percent	9%, 8%, 4%
CMY	0.9137, 0.9216, 0.9608
CMYK	0.00, 0.09, 0.55, 0.91
HSL	50°, 38%, 6%
HSV	50°, 55%, 9%
XYZ	0.6358, 0.6928, 0.3874
YIQ	19.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

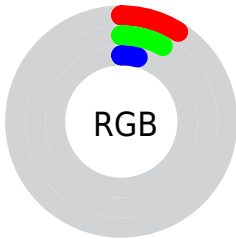
Format	Color
RYB	12, 22, 10
Decimal	1446922
CIELab	6.26, -0.93, 5.25
CIELCh	6, 5.330, 100.031
Yxy	0.6928, 0.3705, 0.4037
Android (android.graphics.Color)	4279637002 (0xFF16140A)
YUV	19.4580, -4.6628, 2.2293
Hunter-Lab	8.3235, -0.9306, 3.0671

Details

The Android color **4279637002** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278848534**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4282400310**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4279637000**, and if you desaturate by 10%, it is **4279637004**.

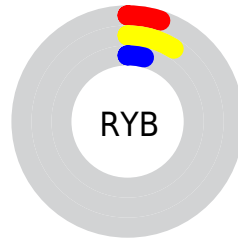
Distribution



 Red (9%)

 Green (8%)

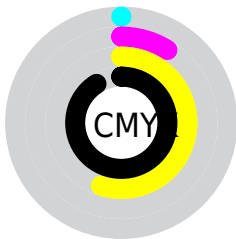
 Blue (4%)



 Red (5%)

 Yellow (9%)

 Blue (4%)

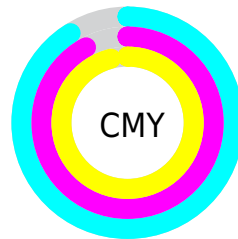



 Cyan (0%)

 Magenta (9%)

 Yellow (55%)

 Black (91%)



 Cyan (91%)

 Magenta (92%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279637002 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 4279637002 by changing the saturation by 10% instead.



4279637002



4279637002



4294440170



4278190080



4282400310



4283913549



4285558373



4287203198



4288913816



4290755762



4292532430



4279637002



4279637002

■ 4279637000

■ 4279637004

■ 4279636742

■ 4279637262

■ 4279636739

■ 4279637265

■ 4279636737

■ 4279637267

■ 4279636480

■ 4279637525

■ 4279637527

■ 4279637785

■ 4279637788

■ 4279637790

Harmonies

Analogous

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



4279898891



4279637002



4279309581

Triad

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



4279637002



4278720024



4279898391

Complementary

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



4279637002



4278848534

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.



4279636505



4279637002



4278981915

Square

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



4279637002



4278720021



4279309339



4280029459

Rectangle

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



4279637002



4279047695



4279309339



4279833112

Sweetspot

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



4279637002



4280032024



4279634444



4279176972



4287598479



4279176975

Same Dimension

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



4279637002



4280031498



4279375370



4278848009



4283055616



4291405824

Inverse Universe

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



4278848534



4278848796



4279110166



4278782218



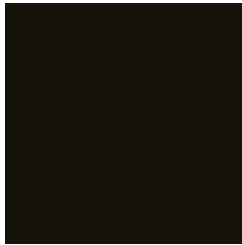
4278193226



4278198985

Previews

White Background



This preview shows how the Android color 4279637002 looks on a white background.

Color Contrast Check

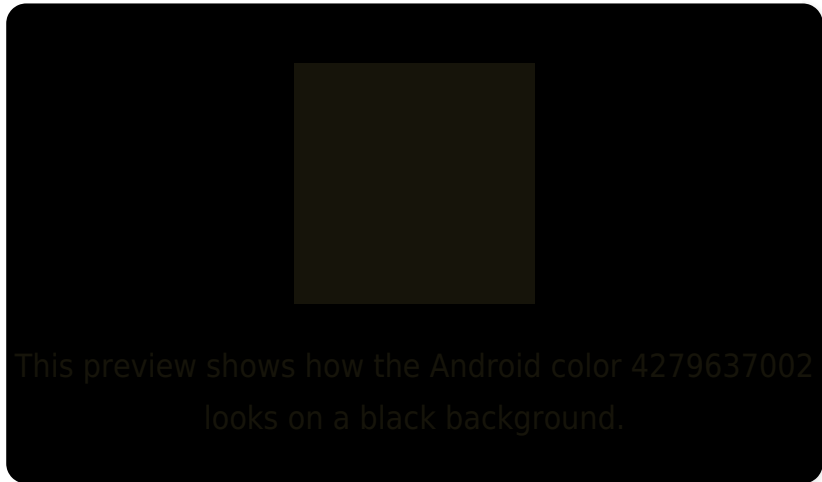
Large Text (above 18pt) WCAG AA ✓ Pass

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

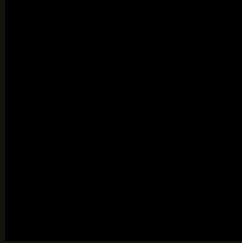
Any Text WCAG AA × Fail

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 4279637002 Background



This preview shows how black text looks on a background with the Android color 4279637002.

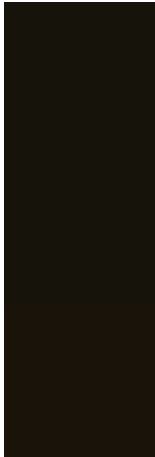


This preview shows how white text looks on a background with the Android color 4279637002.

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

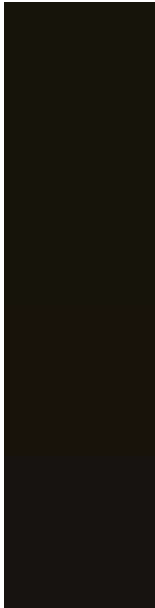


Original Color
4279637002

Protanopia
4279637002

Deuteranopia
4279833354

Trichromacy



Original Color

4279637002

Protanomaly

4279637002

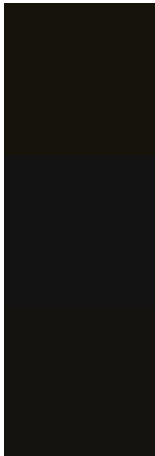
Deuteranomaly

4279767818

Tritanomaly

4279702288

Monochromacy



Original Color

4279637002

Achromatopsia

4279440147

Achromatomaly

4279505680

CSS Examples

Text

The CSS property to change the color of the text to Android 4279637002 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(22, 20, 10)` looks like.

```
.text, #text, p{  
    color:rgb(22, 20, 10)  
}
```

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(22, 20, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 20, 10) }
```

Border

The CSS property to change the border of an element to Android 4279637002 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(22, 20, 10) }
```

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

```
.border{ border-color:rgb(22, 20, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 20, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 20, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 20, 10);  
box-shadow:4px 4px 4px 4px rgb(22, 20, 10)  
}
```

Background

The CSS property to change the background color of an element to Android 4279637002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 20, 10) }
```

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

```
.background{ background-color: rgb(22, 20,  
10) }
```

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