

Converting Colors

Android(4279712002)

Have a look what the booklet for
Android(4279712002) contains.

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Color

Android(4279712002)

Conversions

Conversions Part 1

Format	Color
Hex	173902
RGB	23, 57, 2
RGB Percent	9%, 22%, 1%
CMY	0.9098, 0.7765, 0.9922
CMYK	0.60, 0.00, 0.96, 0.78
HSL	97°, 93%, 12%
HSV	97°, 96%, 22%
XYZ	1.8274, 3.1128, 0.5619
YIQ	40.5640, -2.6090, -24.3130

Conversions

Conversions Part 2

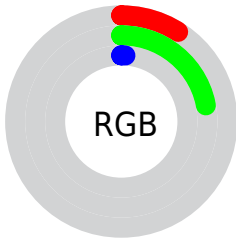
Format	Color
RYB	2, 57, 36
Decimal	1521922
CIELab	20.49, -23.34, 27.29
CIELCh	20, 35.907, 130.535
Yxy	3.1128, 0.3321, 0.5657
Android (android.graphics.Color)	4279712002 (0xFF173902)
YUV	40.5640, -19.0121, -15.4036
Hunter-Lab	17.6431, -12.3868, 10.4618

Details

The Android color **4279712002** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280549945**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282804529**, and **4278190848** is the 20% darker color. If you saturate the color by 10%, you get **4279646464**, and if you desaturate by 10%, it is **4279974152**.

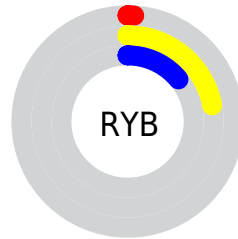
Distribution



Red (9%)

Green (22%)

Blue (1%)



Red (1%)

Yellow (22%)

Blue (14%)

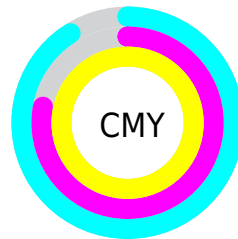


Cyan (60%)

Magenta (0%)

Yellow (96%)

Black (78%)



Cyan (91%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279712002 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 4279712002 by changing the saturation by 10% instead.

 4279712002

 4279712002

 4294967270

 4278199040

 4282804529

 4278190848


 4284449352

 4278190080

 4286159969

 4287870842

 4289647508

 4291489711

 4293328842

 4279712002

 4279712002

■ 4279646464

■ 4279974152

■ 4280170765

■ 4280432915

■ 4280629529

■ 4280891679

■ 4281088292

■ 4281350442

■ 4281547056

■ 4281809205

Harmonies

Analogous

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



4281742080



4279712002



4278205471

Triad

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



4279712002



4278204771



4284486697

Complementary

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



4279712002



4280549945

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.



4283897924



4279712002



4278202982

Square

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



4279712002



4278205523



4282263130



4284095760

Rectangle

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



4279712002



4278205745



4282263130



4284420914

Sweetspot

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



4279712002



4282206773



4281934850



4280165913



4289111718



4280690214

Same Dimension

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



4279712002



4280044032



4278335752



4279901209



4280507392



4283751168

Inverse Universe

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



4280549945



4281204810



4281926195



4279965980



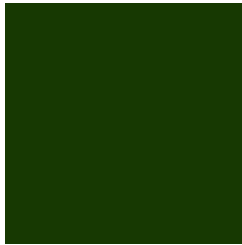
4281925724



4287103195

Previews

White Background



This preview shows how the Android color 4279712002 looks on a white background.

Color Contrast Check

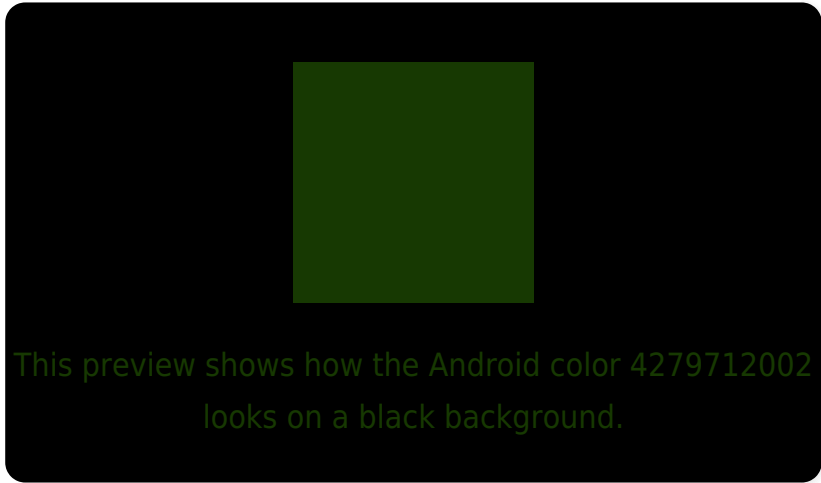
Large Text (above 18pt) WCAG AA ✓ Pass

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

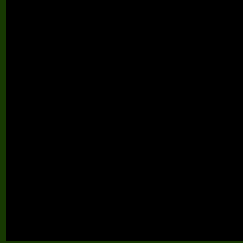
Any Text WCAG AA × Fail

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 4279712002 Background



This preview shows how black text looks on a background with the Android color 4279712002.



This preview shows how white text looks on a background with the Android color 4279712002.

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
4279712002

Protanopia
4281872896

Deuteranopia
4282265356

Trichromacy



Original Color
4279712002

Protanomaly
4281087233

Deuteranomaly
4281348872

Tritanomaly
4280104485

Monochromacy



Original Color
4279712002

Achromatopsia
4280887593

Achromatomaly
4280430363

CSS Examples

Text

The CSS property to change the color of the text to Android 4279712002 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(23, 57, 2)` looks like.

```
.text, #text, p{  
    color:rgb(23, 57, 2)  
}
```

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(23, 57, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 57, 2) }
```

Border

The CSS property to change the border of an element to Android 4279712002 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(23, 57, 2) }
```

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

```
.border{ border-color:rgb(23, 57, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 57, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 57, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 57, 2); box-shadow:4px  
4px 4px 4px rgb(23, 57, 2) }
```

Background

The CSS property to change the background color of an element to Android 4279712002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 57, 2) }
```

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

```
.background{ background-color: rgb(23, 57,  
2) }
```

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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