

Converting Colors

Android(4291682826)

Have a look what the booklet for
Android(4291682826) contains.

Android(4291682826)	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(4291682826)

Conversions

Conversions Part 1

Format	Color
Hex	CDE20A
RGB	205, 226, 10
RGB Percent	80%, 89%, 4%
CMY	0.1961, 0.1137, 0.9608
CMYK	0.09, 0.00, 0.96, 0.11
HSL	66°, 92%, 46%
HSV	66°, 96%, 89%
XYZ	52.4280, 67.3938, 10.5322
YIQ	195.0970, 56.8200, -71.6280

Conversions

Conversions Part 2

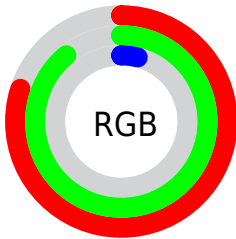
Format	Color
RYB	10, 226, 31
Decimal	13492746
CIELab	85.70, -28.31, 83.54
CIELCh	86, 88.208, 108.723
Yxy	67.3938, 0.4022, 0.5170
Android (android.graphics.Color)	4291682826 (0xFFCDE20A)
YUV	195.0970, -91.2528, 8.6849
Hunter-Lab	82.0937, -29.6675, 49.8590

Details

The Android color `4291682826` is a dark color, and the websafe version is hex `CCCC00`. The color can be described as middle washed yellow. A complement of this color would be `4280224482`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4294967132`, and `4287802112` is the 20% darker color. If you saturate the color by 10%, you get `4291617280`, and if you desaturate by 10%, it is `4291813921`.

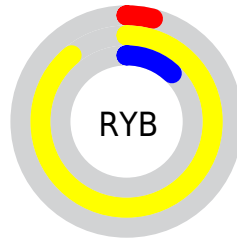
Distribution



Red (80%)

Green (89%)

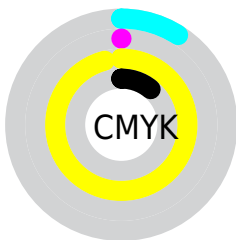
Blue (4%)



Red (4%)

Yellow (89%)

Blue (12%)

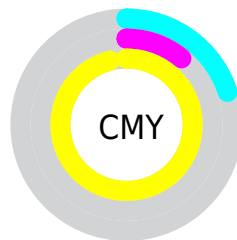


Cyan (9%)

Magenta (0%)

Yellow (96%)

Black (11%)



Cyan (20%)

Magenta (11%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291682826 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 4291682826 by changing the saturation by 10% instead.



4291682826



4291682826

4294967295



4289709568



4294967132



4287802112



4294967162



4285894656



4294967191



4284053248



4294967220



4282146304



4294967250



4280305152



4294967280



4278202112



4278197248



4278190080

■ 4291682826

■ 4291682826

■ 4291617280

■ 4291813921

■ 4291945015

■ 4292141646

■ 4292272740

■ 4292403835

■ 4292534930

■ 4292666024

■ 4292862655

■ 4292993749

Harmonies

Analogous

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



4294952715



4291682826



4284740447

Triad

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



4291682826



4278253823



4294936313

Complementary

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



4291682826



4280224482

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.



4294945023



4291682826



4278249983

Square

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



4291682826



4278255103



4287876607



4294935974

Rectangle

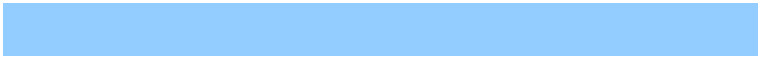
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291682826



4278253974



4287876607



4294938623

Sweetspot

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



4291682826



4294508469



4293008394



4286283859



4278190080



4286611584

Same Dimension

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



4291682826



4293328640



4284801546



4285493349



4288655360



4281085952

Inverse Universe

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



4280224482



4279828735



4287105762



4284900720



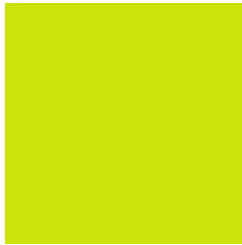
4279304368



4278517808

Previews

White Background



This preview shows how the Android color 4291682826 looks on a white background.

Color Contrast Check

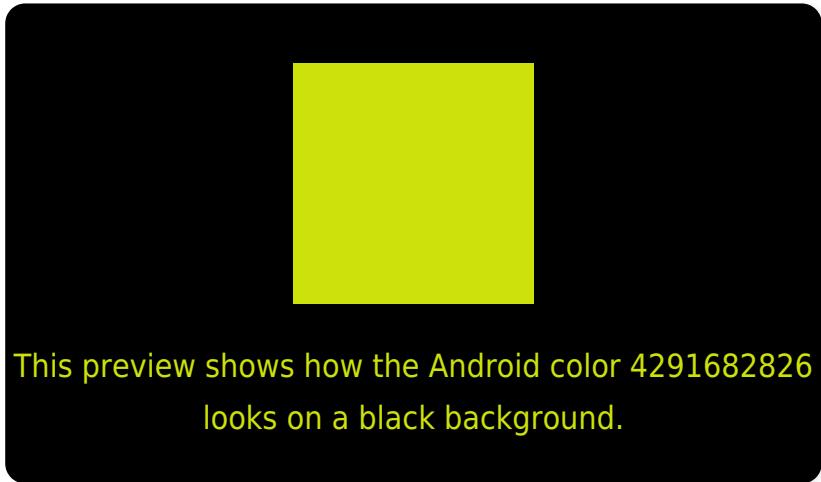
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Android 4291682826 Background



This preview shows how black text looks on a background with the Android color 4291682826.



This preview shows how white text looks on a background with the Android color 4291682826.

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
4291682826

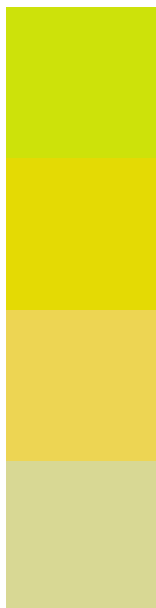
Protanopia
4294039040

Deuteranopia
4294954621



Tritanopia
4292793059

Trichromacy



Original Color

4291682826

Protanomaly

4293188100

Deuteranomaly

4293776723

Tritanomaly

4292401300

Monochromacy



Original Color

4291682826

Achromatopsia

4291019715

Achromatomaly

4291284608

CSS Examples

Text

The CSS property to change the color of the text to Android 4291682826 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(205, 226, 10)` looks like.

```
.text, #text, p{  
    color:rgb(205, 226, 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(205, 226, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 226, 10) }
```

Border

The CSS property to change the border of an element to Android 4291682826 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(205, 226, 10) }
```

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

```
.border{ border-color:rgb(205, 226, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 226, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 226, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 226, 10);  
box-shadow:4px 4px 4px 4px rgb(205, 226,  
10) }
```

Background

The CSS property to change the background color of an element to Android 4291682826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 226, 10) }
```

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

```
.background{ background-color: rgb(205,  
226, 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