

Converting Colors

Android(4292592640)

Have a look what the booklet for
Android(4292592640) contains.

Android(4292592640)	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(4292592640)

Conversions

Conversions Part 1

Format	Color
Hex	DBC400
RGB	219, 196, 0
RGB Percent	86%, 77%, 0%
CMY	0.1412, 0.2314, 1.0000
CMYK	0.00, 0.11, 1.00, 0.14
HSL	54°, 100%, 43%
HSV	54°, 100%, 86%
XYZ	48.9533, 54.5399, 7.9471
YIQ	180.5330, 76.6240, -56.0800

Conversions

Conversions Part 2

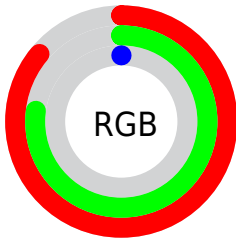
Format	Color
RYB	26, 219, 0
Decimal	14402560
CIELab	78.78, -7.72, 79.82
CIELCh	79, 80.197, 95.527
Yxy	54.5399, 0.4393, 0.4894
Android (android.graphics.Color)	4292592640 (0xFFDBC400)
YUV	180.5330, -89.0028, 33.7356
Hunter-Lab	73.8512, -10.9181, 45.3156

Details

The Android color **4292592640** 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 **4278196187**, and the grayscale version is **4290098613**.

A 20% lighter version of the original color is **4294966356**, and **4288646912** is the 20% darker color. If you saturate the color by 10%, you get **4292592640**, and if you desaturate by 10%, it is **4292593174**.

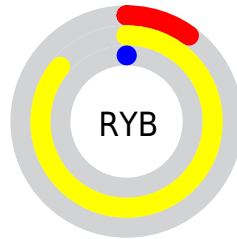
Distribution



Red (86%)

Green (77%)

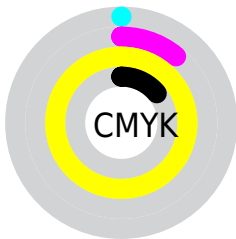
Blue (0%)



Red (10%)

Yellow (86%)

Blue (0%)

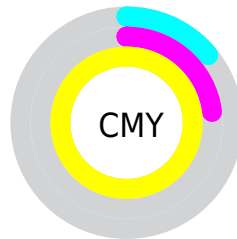


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292592640 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 4292592640 by changing the saturation by 10% instead.



4292592640



4292592640

4294967295



4290619648



4294966356



4288646912



4294967153



4286739712



4294967182



4284898560



4294967211



4283057664



4294967240



4281348096



4294967270



4279704320



4278190080



4292592640

 4292593174

 4292593964

 4292594498

 4292595032

 4292595566

 4292596355

 4292596889

 4292597423

 4292598213

Harmonies

Analogous

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



4294944818



4292592640



4287485756

Triad

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



4292592640



4278248703



4294936575

Complementary

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



4292592640



4278196187

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.



4292258303



4292592640



4278246399

Square

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



4292592640



4278249167



4278241279



4294932664

Rectangle

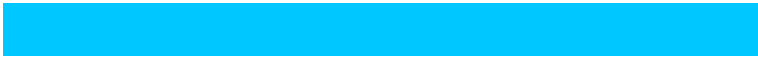
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292592640



4281917289



4278241279



4294939391

Sweetspot

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



4292592640



4294965171



4292542490



4286610258



4278190080



4286611584

Same Dimension

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



4292592640



4294960128



4287093504



4285426787



4289567488



4281215232

Inverse Universe

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



4278196187



4278197247



4283695323



4284703854



4278194861



4278191406

Previews

White Background



This preview shows how the Android color 4292592640 looks on a white background.

Color Contrast Check

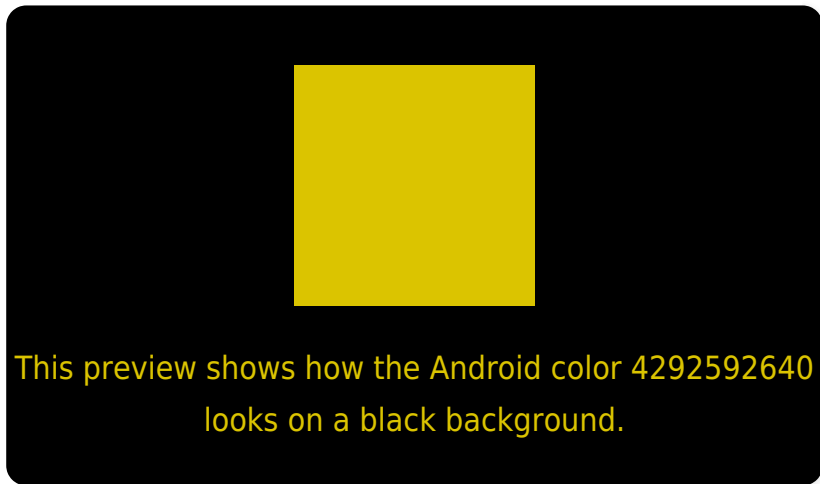
Large Text (above 18pt) WCAG AA × Fail

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 4292592640 Background



This preview shows how black text looks on a background with the Android color 4292592640.

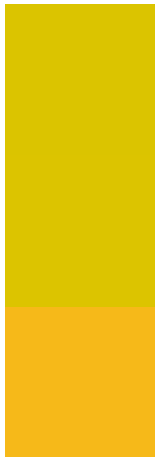


This preview shows how white text looks on a background with the Android color 4292592640.

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
4292592640

Protanopia
4292658176

Deuteranopia
4294359321



Tritanopia
4293310148

Trichromacy



Original Color

4292592640

Protanomaly

4292658176

Deuteranomaly

4293704976

Tritanomaly

4293049213

Monochromacy



Original Color

4292592640

Achromatopsia

4290098613

Achromatomaly

4291017331

CSS Examples

Text

The CSS property to change the color of the text to Android 4292592640 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(219, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 0)  
}
```

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(219, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 0) }
```

Border

The CSS property to change the border of an element to Android 4292592640 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(219, 196, 0) }
```

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

```
.border{ border-color:rgb(219, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4292592640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 0) }
```

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

```
.background{ background-color: rgb(219,  
196, 0) }
```

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