

Converting Colors

Android(4292195873)

Have a look what the booklet for
Android(4292195873) contains.

Android(4292195873)	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(4292195873)

Conversions

Conversions Part 1	
Format	Color
Hex	D5B621
RGB	213, 182, 33
RGB Percent	84%, 71%, 13%
CMY	0.1647, 0.2863, 0.8706
CMYK	0.00, 0.15, 0.85, 0.16
HSL	50°, 73%, 48%
HSV	50°, 85%, 84%
XYZ	44.4430, 47.7118, 8.3057
YIQ	174.2830, 66.3050, -39.7670

Conversions

Conversions Part 2

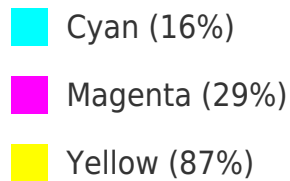
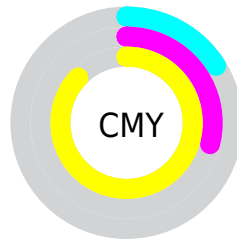
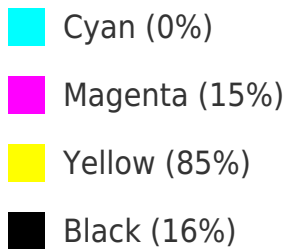
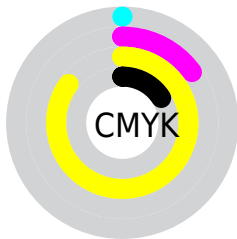
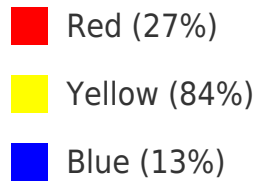
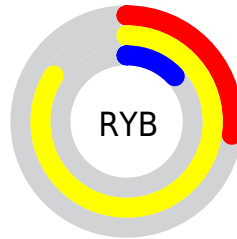
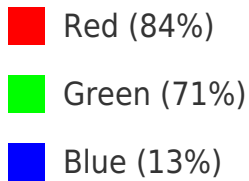
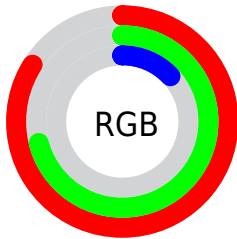
Format	Color
RYB	70, 213, 33
Decimal	14005793
CIELab	74.64, -2.62, 71.46
CIELCh	75, 71.508, 92.098
Yxy	47.7118, 0.4424, 0.4749
Android (android.graphics.Color)	4292195873 (0xFFD5B621)
YUV	174.2830, -69.6525, 33.9548
Hunter-Lab	69.0738, -6.0296, 41.2223

Details

The Android color **4292195873** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **4280369365**, and the grayscale version is **4289703855**.

A 20% lighter version of the original color is **4294962782**, and **4288315904** is the 20% darker color. If you saturate the color by 10%, you get **4292194828**, and if you desaturate by 10%, it is **4292196918**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4292195873 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 4292195873 by changing the saturation by 10% instead.

 4292195873

 4292195873

4294967295

 4290222848

 4294962782

 4288315904

 4294967162

 4286408960

 4294967190

 4284567808

 4294967219

 4282792448

 4294967248

 4281083136

 4294967277

 4279374080

 4278190080

 4292195873

 4292195873

 4292194828

 4292196918

 4292194304

 4292197708

 4292198753

 4292199798

 4292200588

 4292201633

 4292202678

 4292203467

 4292204513

Harmonies

Analogous

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



4294942016



4292195873



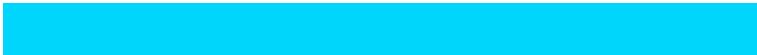
4287809597

Triad

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



4292195873



4278245116



4294936822

Complementary

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



4292195873



4280369365

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.



4290684159



4292195873



4278243071

Square

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



4292195873



4278245306



4278238975



4294932662

Rectangle

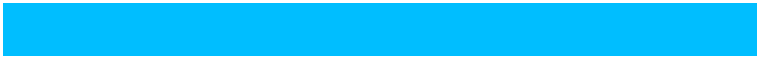
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292195873



4283813986



4278238975



4294349311

Sweetspot

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



4292195873



4294964415



4292157762



4286609753



4278190080



4286611584

Same Dimension

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



4292195873



4294955776



4288468257



4285229408



4289432832



4281017344

Inverse Universe

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



4280369365



4278201599



4284096981



4284506731



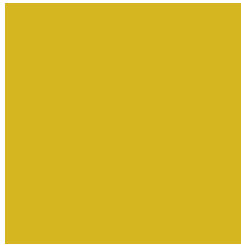
4278197675



4278191915

Previews

White Background



This preview shows how the Android color 4292195873 looks on a white background.

Color Contrast Check

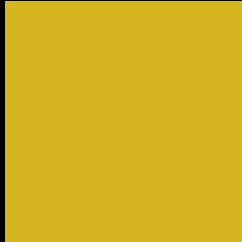
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4292195873 looks on a 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 4292195873 Background



This preview shows how black text looks on a background with the Android color 4292195873.



This preview shows how white text looks on a background with the Android color 4292195873.

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
4292195873

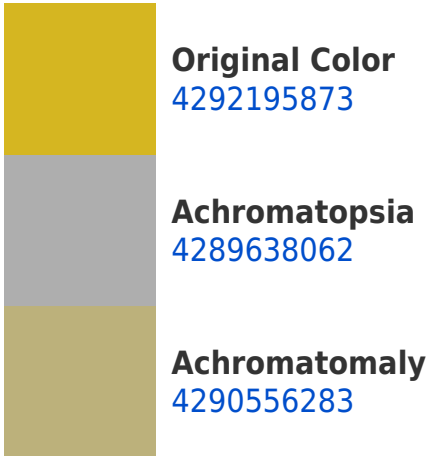
Protanopia
4291803170

Deuteranopia
4293439014

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4292195873 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(213, 182, 33)` looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 33)  
}
```

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(213, 182, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 33) }
```

Border

The CSS property to change the border of an element to Android 4292195873 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(213, 182, 33) }
```

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

```
.border{ border-color:rgb(213, 182, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 182, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 182, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 182, 33);  
box-shadow:4px 4px 4px 4px rgb(213, 182,  
33) }
```

Background

The CSS property to change the background color of an element to Android 4292195873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 33) }
```

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

```
.background{ background-color: rgb(213,  
182, 33) }
```

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