

# Converting Colors

Decimal(14006293)

Have a look what the booklet for  
Decimal(14006293) contains.

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# **Color**

**Decimal(14006293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5B815
RGB	213, 184, 21
RGB Percent	84%, 72%, 8%
CMY	0.1647, 0.2784, 0.9176
CMYK	0.00, 0.14, 0.90, 0.16
HSL	51°, 82%, 46%
HSV	51°, 90%, 84%
XYZ	44.7164, 48.4813, 7.7105
YIQ	174.0890, 69.6070, -44.5450

# Conversions

## Conversions Part 2

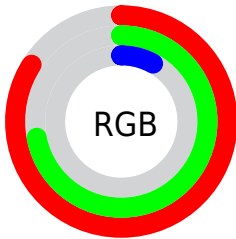
Format	Color
<b>RYB</b>	55, 213, 21
Decimal	14006293
CIELab	75.13, -3.91, 74.37
CIELCh	75, 74.475, 93.012
Yxy	48.4813, 0.4431, 0.4804
Android (android.graphics.Color)	4292196373 (0xFFD5B815)
YUV	174.0890, -75.4729, 34.1249
Hunter-Lab	69.6285, -7.2146, 42.1743

# Details

The Decimal color **14006293** 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 **1389269**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16773208**, and **10126080** is the 20% darker color. If you saturate the color by 10%, you get **14005504**, and if you desaturate by 10%, it is **14007082**.

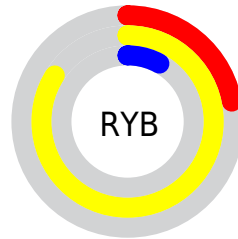
# Distribution



Red (84%)

Green (72%)

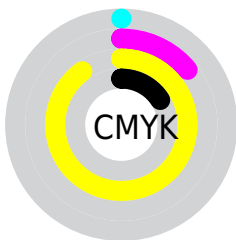
Blue (8%)



Red (22%)

Yellow (84%)

Blue (8%)

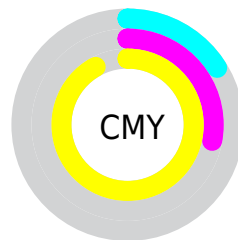


Cyan (0%)

Magenta (14%)

Yellow (90%)

Black (16%)



Cyan (16%)

Magenta (28%)



















Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14006293 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 Decimal color 14006293 by changing the saturation by 10% instead.



 14006293	 14006293
16777215	 12033280
 16773208	 10126080
 16777077	 8219392
 16777105	 6378240
 16777133	 4537344
 16777162	 2893568
 16777192	 1118976
	 0
 14006293	 14006293

■ 14005504

■ 14007082

■ 14007872

■ 14008917

■ 14009706

■ 14010496

■ 14011285

■ 14012330

■ 14013119

■ 14013909

# Harmonies

## Analogous

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



16752185



14006293



9423418

# Triad

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



14006293



55551



16745977

# Complementary

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



14006293



1389269

# 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.



12756223



14006293



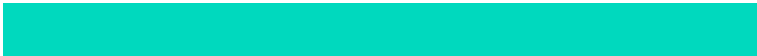
53503

# Square

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



14006293



55742



49151



16741813

# Rectangle

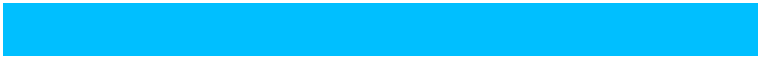
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14006293



4969057



49151



16551935



# Sweetspot

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



14006293



16774586



13964597



8419671



0



8421504



# Same Dimension

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



14006293



16766976



9819413



7039328



11243776



2827520



# Inverse Universe

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



1389269



10239



5576149



6316651



6827

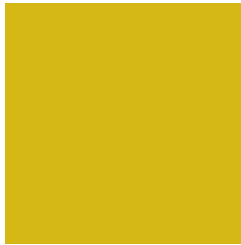


1835



# Previews

## White Background



This preview shows how the Decimal color 14006293 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 Decimal color 14006293 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](#).



## Decimal 14006293 Background



This preview shows how black text looks on a background with the Decimal color 14006293.

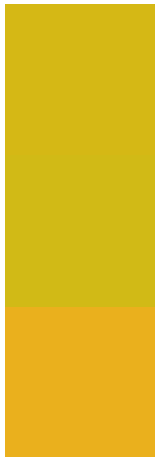


This preview shows how white text looks on a background with the Decimal color 14006293.

# 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**  
14006293

**Protanopia**  
13744662

**Deuteranopia**  
15380509



**Tritanopia**  
14658488

# Trichromacy



**Original Color**  
14006293

**Protanomaly**  
13809942

**Deuteranomaly**  
14856986

**Tritanomaly**  
14397565

# Monochromacy



**Original Color**  
14006293

**Achromatopsia**  
11447982

**Achromatomaly**  
12366454

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14006293 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 #D5B815 looks like.

```
.text, #text, p{  
    color:#D5B815  
}
```

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 #D5B815 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B815
}
```

## Border

The CSS property to change the border of an element to Decimal 14006293 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
#D5B815 }
```

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

```
.border{ border-color:#D5B815 }
```

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

Here you see how a box with a 4 pixel #D5B815 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B815; -webkit-box-shadow:4px 4px  
4px 4px #D5B815; box-shadow:4px 4px 4px  
4px #D5B815 }
```

# Background

The CSS property to change the background color of an element to Decimal 14006293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B815 }
```

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

```
.background{ background-color:#D5B815 }
```

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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