

Converting Colors

Decimal(14006016)

Have a look what the booklet for
Decimal(14006016) contains.

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Color

Decimal(14006016)

Conversions

Conversions Part 1

Format	Color
Hex	D5B700
RGB	213, 183, 0
RGB Percent	84%, 72%, 0%
CMY	0.1647, 0.2824, 1.0000
CMYK	0.00, 0.14, 1.00, 0.16
HSL	52°, 100%, 42%
HSV	52°, 100%, 84%
XYZ	44.3741, 48.0131, 6.9287
YIQ	171.1080, 76.6230, -50.5530

Conversions

Conversions Part 2

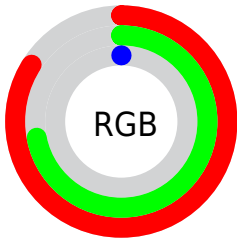
Format	Color
RYB	35, 213, 0
Decimal	14006016
CIELab	74.83, -3.64, 76.76
CIELCh	75, 76.848, 92.715
Yxy	48.0131, 0.4468, 0.4834
Android (android.graphics.Color)	4292196096 (0xFFD5B700)
YUV	171.1080, -84.3562, 36.7393
Hunter-Lab	69.2915, -6.9493, 42.5754

Details

The Decimal color **14006016** 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 **7893**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16772945**, and **10060544** is the 20% darker color. If you saturate the color by 10%, you get **14006016**, and if you desaturate by 10%, it is **14006805**.

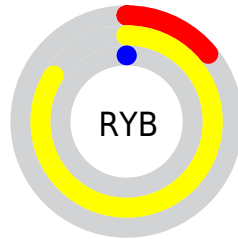
Distribution



Red (84%)

Green (72%)

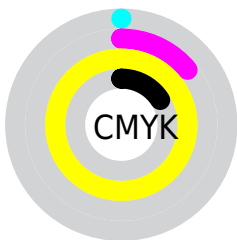
Blue (0%)



Red (14%)

Yellow (84%)

Blue (0%)

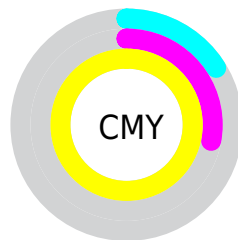


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (16%)



Cyan (16%)


















Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14006016 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 14006016 by changing the saturation by 10% instead.

 14006016	 14006016
 16777215	 12033024
 16772945	 10060544
 16777070	 8219136
 16777098	 6312448
 16777127	 4537088
 16777156	 2827776
 16777185	 1053184
	 0

 14006016

 14006805

 14007595

 14008384

 14009173

 14009963

 14010752

 14011541

 14012330

 14013120

Harmonies

Analogous

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



16751668



14006016



9292338

Triad

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



14006016



55551



16745210

Complementary

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



14006016



7893

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.



12624639



14006016



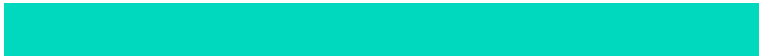
53503

Square

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



14006016



55741



48895



16740789

Rectangle

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



14006016



4575837



48895



16616959

Sweetspot

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



14006016



16774323



13959200



8419666



0



8421504

Same Dimension

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



14006016



16767744



9098496



7039584



11244288



2827520

Inverse Universe

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



7893



9471



4915413



6316651



6315



1579

Previews

White Background



This preview shows how the Decimal color 14006016 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 14006016 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 14006016 Background



This preview shows how black text looks on a background with the Decimal color 14006016.

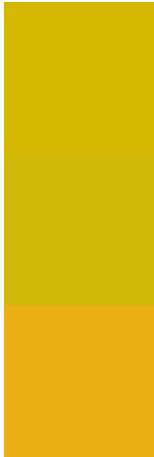


This preview shows how white text looks on a background with the Decimal color 14006016.

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
14006016

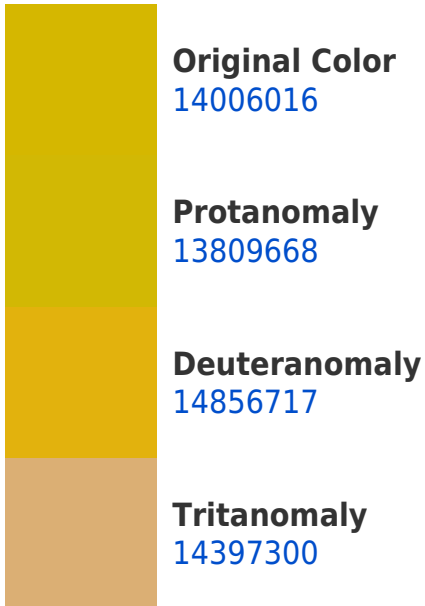
Protanopia
13678854

Deuteranopia
15314709



Tritanopia
14658231

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14006016 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 #D5B700 looks like.

```
.text, #text, p{  
    color:#D5B700  
}
```

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 #D5B700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B700  
}
```

Border

The CSS property to change the border of an element to Decimal 14006016 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  
#D5B700 }
```

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

```
.border{ border-color:#D5B700 }
```

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

Here you see how a box with a 4 pixel #D5B700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B700; -webkit-box-shadow:4px 4px  
4px 4px #D5B700; box-shadow:4px 4px 4px  
4px #D5B700 }
```

Background

The CSS property to change the background color of an element to Decimal 14006016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B700 }
```

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

```
.background{ background-color:#D5B700 }
```

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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