

# Converting Colors

Decimal(14011266)

Have a look what the booklet for  
Decimal(14011266) contains.

<b>Decimal(14011266)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(14011266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5CB82
RGB	213, 203, 130
RGB Percent	84%, 80%, 51%
CMY	0.1647, 0.2039, 0.4902
CMYK	0.00, 0.05, 0.39, 0.16
HSL	53°, 50%, 67%
HSV	53°, 39%, 84%
XYZ	52.8258, 58.4697, 29.6207
YIQ	197.6680, 29.3930, -20.5830

# Conversions

## Conversions Part 2

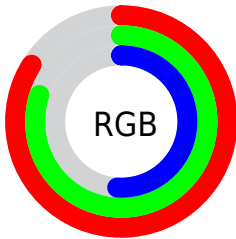
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 213, 130
Decimal	14011266
CIELab	81.00, -7.01, 37.65
CIELCh	81, 38.296, 100.544
Yxy	58.4697, 0.3749, 0.4149
Android (android.graphics.Color)	4292201346 (0xFFD5CB82)
YUV	197.6680, -33.3603, 13.4462
Hunter-Lab	76.4655, -10.4988, 30.5585

# Details

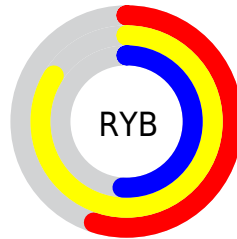
The Decimal color **14011266** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8555733**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16777144**, and **10327375** is the 20% darker color. If you saturate the color by 10%, you get **14010477**, and if you desaturate by 10%, it is **14012055**.

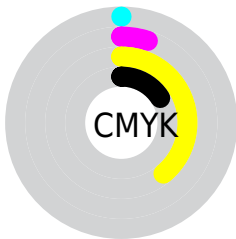
# Distribution



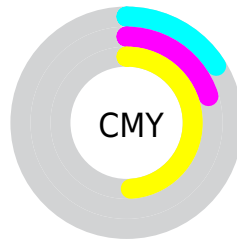
- Red (84%)
- Green (80%)
- Blue (51%)



- Red (55%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14011266 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 14011266 by changing the saturation by 10% instead.



 14011266

 14011266

16777215

 12169320

 16777144

 10327375

 16777172

 8551223

 16777200

 6841119

 5131012

 3552256

 1974016

 1792

 0

 14011266

 14011266

 14010477

 14012055

 14009943

 14012589

 14009154

 14013378

 14008621

 14013911

 14007831

 14014700

 14007298

 14015231

 14007040

 14015999

 14016767

 14017279

# Harmonies

## Analogous

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



16170886



14011266



11392402

# Triad

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



14011266



4971255



16757218

# Complementary

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



14011266



8555733

# 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.



14597119



14011266



7590911

# Square

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



14011266



5889493



11323647



16756414

# Rectangle

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



14011266



9558437



11323647



16233709



# Sweetspot

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



14011266



16776160



13992589



8420718



0



8421504



# Same Dimension

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



14011266



16773511



12047746



7039584



11245056



2827776



# Inverse Universe

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



8555733



8886015



10519253



6316651



5547



1323



# Previews

## White Background



This preview shows how the Decimal color 14011266 looks on a white background.

## Color Contrast Check

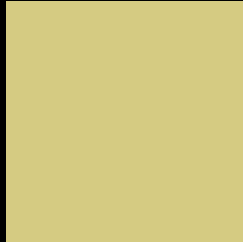
Large Text (above 18pt) WCAG AA × Fail

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 14011266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

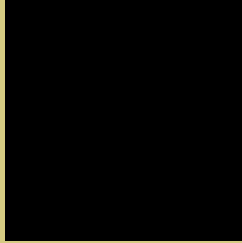
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14011266 Background



This preview shows how black text looks on a background with the Decimal color 14011266.



This preview shows how white text looks on a background with the Decimal color 14011266.

# 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**  
14011266

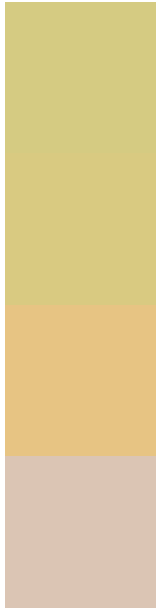
**Protanopia**  
14403969

**Deuteranopia**  
15908996



**Tritanopia**  
14598608

# Trichromacy



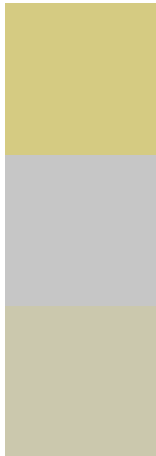
**Original Color**  
14011266

**Protanomaly**  
14273153

**Deuteranomaly**  
15189123

**Tritanomaly**  
14402996

# Monochromacy



**Original Color**  
14011266

**Achromatopsia**  
13027014

**Achromatomaly**  
13355181

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14011266 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 #D5CB82 looks like.

```
.text, #text, p{  
    color:#D5CB82  
}
```

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 #D5CB82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5CB82
}
```

## Border

The CSS property to change the border of an element to Decimal 14011266 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
#D5CB82 }
```

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

```
.border{ border-color:#D5CB82 }
```

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

Here you see how a box with a 4 pixel #D5CB82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5CB82; -webkit-box-shadow:4px 4px  
4px 4px #D5CB82; box-shadow:4px 4px 4px  
4px #D5CB82 }
```

# Background

The CSS property to change the background color of an element to Decimal 14011266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5CB82 }
```

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

```
.background{ background-color:#D5CB82 }
```

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