

# Converting Colors

Decimal(14019375)

Have a look what the booklet for  
Decimal(14019375) contains.

<b>Decimal(14019375)</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(14019375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5EB2F
RGB	213, 235, 47
RGB Percent	84%, 92%, 18%
CMY	0.1647, 0.0784, 0.8157
CMYK	0.09, 0.00, 0.80, 0.08
HSL	67°, 82%, 55%
HSV	67°, 80%, 92%
XYZ	57.6620, 73.7680, 13.8889
YIQ	206.9900, 47.2360, -63.1320

# Conversions

## Conversions Part 2

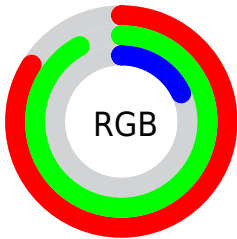
Format	Color
R <sub>Y</sub> B	47, 235, 69
Decimal	14019375
CIE Lab	88.81, -28.51, 80.03
CIE LCh	89, 84.959, 109.605
Yxy	73.7680, 0.3968, 0.5076
Android (android.graphics.Color)	4292209455 (0xFFD5EB2F)
YUV	206.9900, -78.8751, 5.2708
Hunter-Lab	85.8883, -30.4668, 50.5341

# Details

The Decimal color **14019375** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4534251**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16777070**, and **10138368** is the 20% darker color. If you saturate the color by 10%, you get **13822743**, and if you desaturate by 10%, it is **14216007**.

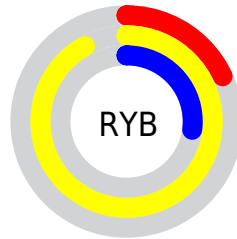
# Distribution



Red (84%)

Green (92%)

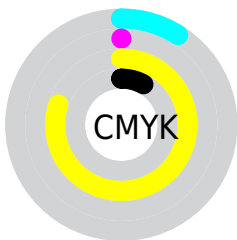
Blue (18%)



Red (18%)

Yellow (92%)

Blue (27%)

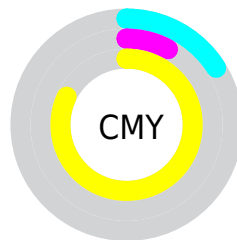


Cyan (9%)

Magenta (0%)

Yellow (80%)

Black (8%)



Cyan (16%)

Magenta (8%)

















Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14019375 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 14019375 by changing the saturation by 10% instead.



 14019375	 14019375
16777215	 12046080
 16777070	 10138368
 16777100	 8231168
 16777129	 6389504
 16777158	 4548096
 16777188	 2641408
	 603648
	 8704
	 0

 14019375

 14019375

 13822743

 14216007


 13691648

 14412638

 14543734

 14740365

 14936996

 15133628

 15264723

 15461355

 15657983

# Harmonies

## Analogous

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



16765227



14019375



7338863

# Triad

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



14019375



65535



16749823

# Complementary

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



14019375



4534251

# 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.



16757503



14019375



61951

# Square

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



14019375



65535



11064831



16749741

# Rectangle

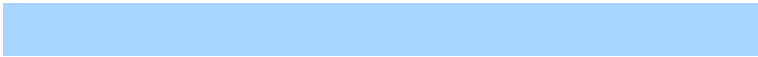
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14019375



65443



11064831



16751871



# Sweetspot

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



14019375



16318402



15418671



8093787



0



8421504



# Same Dimension

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



14019375



14876426



7858991



7632234



10532096



3094016



# Inverse Universe

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



4534251



2558719



10694635



7039605



1376437

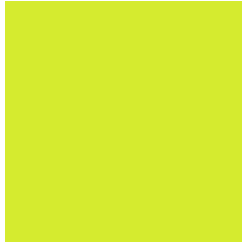


393270



# Previews

## White Background



This preview shows how the Decimal color 14019375 looks on a white background.

## Color Contrast Check

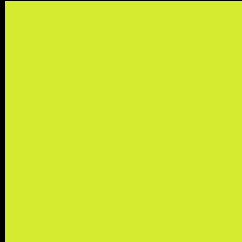
Large Text (above 18pt) WCAG AA × Fail

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 14019375 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 14019375 Background



This preview shows how black text looks on a background with the Decimal color 14019375.



This preview shows how white text looks on a background with the Decimal color 14019375.

# 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](#).

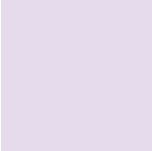
## Dichromacy



**Original Color**  
14019375

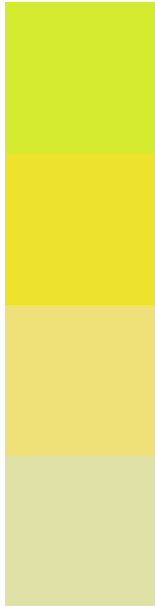
**Protanopia**  
16441132

**Deuteranopia**  
16767394



**Tritanopia**  
15129580

# Trichromacy



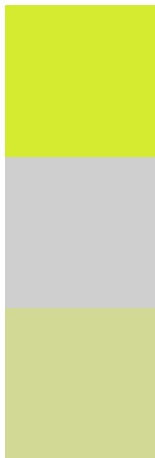
**Original Color**  
14019375

**Protanomaly**  
15590189

**Deuteranomaly**  
15786104

**Tritanomaly**  
14737831

# Monochromacy



**Original Color**  
14019375

**Achromatopsia**  
13619151

**Achromatomaly**  
13752725

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14019375 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 #D5EB2F looks like.

```
.text, #text, p{  
    color:#D5EB2F  
}
```

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 #D5EB2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5EB2F
}
```

## Border

The CSS property to change the border of an element to Decimal 14019375 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
#D5EB2F }
```

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

```
.border{ border-color:#D5EB2F }
```

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

Here you see how a box with a 4 pixel #D5EB2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5EB2F; -webkit-box-shadow:4px 4px  
4px 4px #D5EB2F; box-shadow:4px 4px 4px  
4px #D5EB2F }
```

# Background

The CSS property to change the background color of an element to Decimal 14019375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5EB2F }
```

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

```
.background{ background-color:#D5EB2F }
```

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