

# Converting Colors

Decimal(16049025)

Have a look what the booklet for  
Decimal(16049025) contains.

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# **Color**

**Decimal(16049025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E381
RGB	244, 227, 129
RGB Percent	96%, 89%, 51%
CMY	0.0431, 0.1098, 0.4941
CMYK	0.00, 0.07, 0.47, 0.04
HSL	51°, 84%, 73%
HSV	51°, 47%, 96%
XYZ	68.7398, 75.7562, 31.7683
YIQ	220.9110, 41.5900, -26.8740

# Conversions

## Conversions Part 2

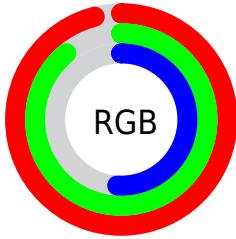
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 244, 129
Decimal	16049025
CIE <sub>Lab</sub>	89.75, -6.99, 49.67
CIE <sub>LCh</sub>	90, 50.161, 98.016
Yxy	75.7562, 0.3900, 0.4298
Android (android.graphics.Color)	4294239105 (0xFFFF4E381)
YUV	220.9110, -45.3121, 20.2491
Hunter-Lab	87.0381, -11.3433, 39.2862

# Details

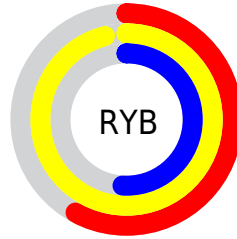
The Decimal color **16049025** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8491764**, and the grayscale version is **14540253**.

A 20% lighter version of the original color is **16777144**, and **12233805** is the 20% darker color. If you saturate the color by 10%, you get **16047977**, and if you desaturate by 10%, it is **16050073**.

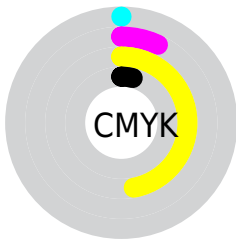
# Distribution



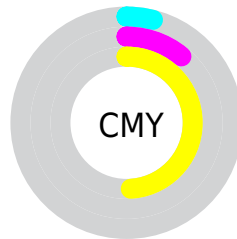
- Red (96%)
- Green (89%)
- Blue (51%)



- Red (58%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (4%)

















- Cyan (4%)
- Magenta (11%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16049025 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 16049025 by changing the saturation by 10% instead.



 16049025	 16049025
16777215	 14141287
 16777144	 12233805
 16777172	 10391859
 16777201	 8550424
	 6774528
	 5064704
	 3355136
	 1776896
	 0

 16049025

 16049025

 16047977

 16050073

 16047184

 16050866

 16046136

 16051914

 16045343

 16052707

 16044295

 16053755

 16044032

 16054783

 16055551

 16056319

# Harmonies

## Analogous

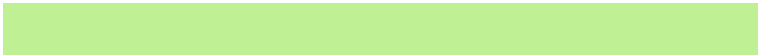
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16765577



16049025



12644500

# Triad

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



16049025



63999



16761343

# Complementary

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



16049025



8491764

# 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.



16306431



16049025



5239039

# Square

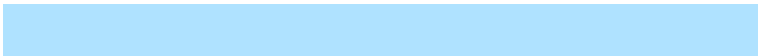
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16049025



2948077



11526911



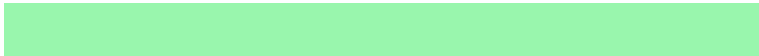
16760022

# Rectangle

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



16049025



10090157



11526911



16762367



# Sweetspot

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



16049025



16775899



16023954



8420458



0



8421504



# Same Dimension

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



16049025



16771694



13431937



8026478



12230400



3879424



# Inverse Universe

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



8491764



7242751



11108852



7237754



7354

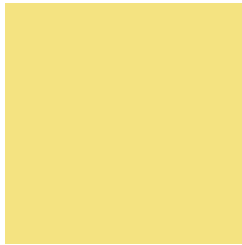


2363



# Previews

## White Background



This preview shows how the Decimal color 16049025 looks on a white background.

## Color Contrast Check

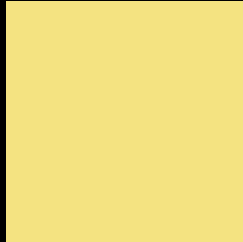
Large Text (above 18pt) WCAG AA × Fail

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 16049025 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 16049025 Background



This preview shows how black text looks on a background with the Decimal color 16049025.



This preview shows how white text looks on a background with the Decimal color 16049025.

# 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**  
16049025

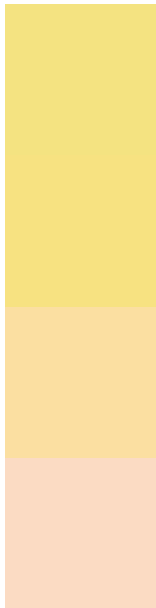
**Protanopia**  
16310913

**Deuteranopia**  
16768179



**Tritanopia**  
16766952

# Trichromacy



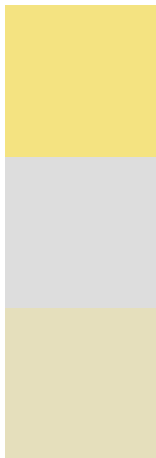
**Original Color**  
16049025

**Protanomaly**  
16245377

**Deuteranomaly**  
16506785

**Tritanomaly**  
16505795

# Monochromacy



**Original Color**  
16049025

**Achromatopsia**  
14540253

**Achromatomaly**  
15065020

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16049025 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 #F4E381 looks like.

```
.text, #text, p{  
    color:#F4E381  
}
```

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 #F4E381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4E381
}
```

## Border

The CSS property to change the border of an element to Decimal 16049025 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
#F4E381 }
```

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

```
.border{ border-color:#F4E381 }
```

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

Here you see how a box with a 4 pixel #F4E381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4E381; -webkit-box-shadow:4px 4px  
4px 4px #F4E381; box-shadow:4px 4px 4px  
4px #F4E381 }
```

# Background

The CSS property to change the background color of an element to Decimal 16049025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4E381 }
```

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

```
.background{ background-color:#F4E381 }
```

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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