

# Converting Colors

Decimal(16119040)

Have a look what the booklet for  
Decimal(16119040) contains.

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# **Color**

**Decimal(16119040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F500
RGB	245, 245, 0
RGB Percent	96%, 96%, 0%
CMY	0.0392, 0.0392, 1.0000
CMYK	0.00, 0.00, 1.00, 0.04
HSL	60°, 100%, 48%
HSV	60°, 100%, 96%
XYZ	70.3086, 84.7173, 12.6464
YIQ	217.0700, 78.6450, -76.1950

# Conversions

## Conversions Part 2

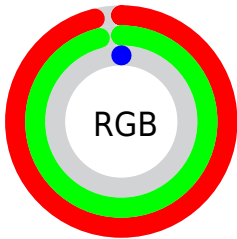
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 245, 0</a>
Decimal	<a href="#">16119040</a>
CIELab	<a href="#">93.76, -20.91, 91.66</a>
CIELCh	<a href="#">94, 94.018, 102.852</a>
Yxy	<a href="#">84.7173, 0.4193, 0.5053</a>
Android (android.graphics.Color)	<a href="#">4294309120 (0xFFFF5F500)</a>
YUV	<a href="#">217.0700, -107.0155, 24.4946</a>
Hunter-Lab	<a href="#">92.0420, -24.7218, 56.2831</a>

# Details

The Decimal color **16119040** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **245**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777054**, and **12107008** is the 20% darker color. If you saturate the color by 10%, you get **16119040**, and if you desaturate by 10%, it is **16119064**.

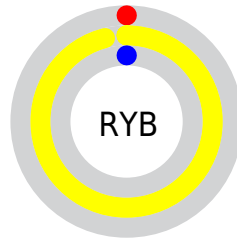
# Distribution



Red (96%)

Green (96%)

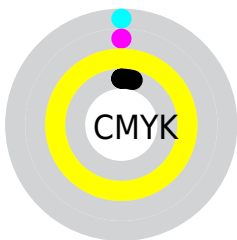
Blue (0%)



Red (0%)

Yellow (96%)

Blue (0%)

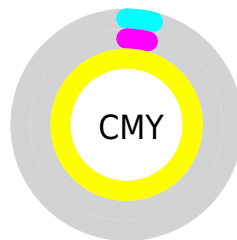


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (4%)


















Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the Decimal color 16119040 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 16119040 by changing the saturation by 10% instead.




 16119040	 16119040
16777215	 14080256
 16777054	 12107008
 16777085	 10134016
 16777115	 8226816
 16777145	 6319872
 16777175	 4478720
 16777206	 2703104
	 928000
	 5632


 16119040

 16119064


 16119089


 16119114

 16119138

 16119163

 16119187

 16119211

 16119236

 16119261

# Harmonies

## Analogous

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



16766504



16119040



9305948

# Triad

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



16119040



65535



16751871

# Complementary

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



16119040



245

# 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.



16761855



16119040



65535

# Square

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



16119040



65535



7465727



16749258

# Rectangle

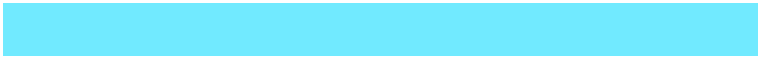
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16119040



65430



7465727



16754687



# Sweetspot

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



16119040



16777139



16056320



8421458



0



8421504



# Same Dimension

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



16119040



16776960



8123648



8026734



12237312



3881728



# Inverse Universe

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



245



255



8061173



7237242



186

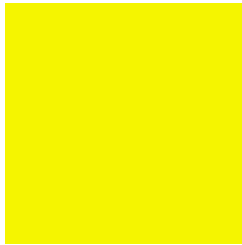


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# Previews

## White Background



This preview shows how the Decimal color 16119040 looks on a white background.

## Color Contrast Check

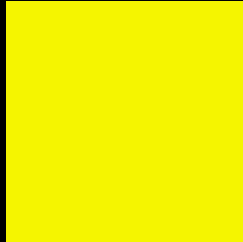
Large Text (above 18pt) WCAG AA × Fail

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 16119040 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 16119040 Background



This preview shows how black text looks on a background with the Decimal color 16119040.

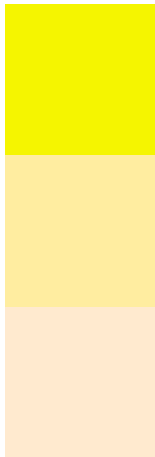


This preview shows how white text looks on a background with the Decimal color 16119040.

# 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**  
16119040

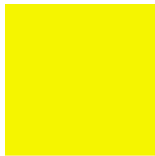
**Protanopia**  
16772512

**Deuteranopia**  
16771791



**Tritanopia**  
16770803

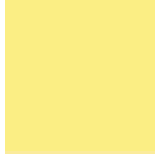
# Trichromacy



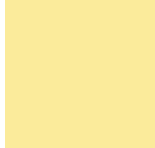
**Original Color**  
16119040



**Protanomaly**  
16511078

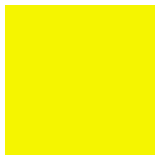


**Deuteranomaly**  
16510596

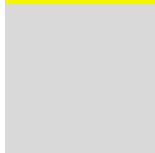


**Tritanomaly**  
16509851

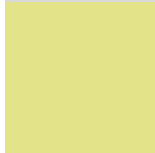
# Monochromacy



**Original Color**  
16119040



**Achromatopsia**  
14277081



**Achromatomaly**  
14934922

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16119040 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 #F5F500 looks like.

```
.text, #text, p{  
    color:#F5F500  
}
```

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 #F5F500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5F500
}
```

## Border

The CSS property to change the border of an element to Decimal 16119040 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
#F5F500 }
```

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

```
.border{ border-color:#F5F500 }
```

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

Here you see how a box with a 4 pixel #F5F500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5F500; -webkit-box-shadow:4px 4px  
4px 4px #F5F500; box-shadow:4px 4px 4px  
4px #F5F500 }
```

# Background

The CSS property to change the background color of an element to Decimal 16119040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5F500 }
```

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

```
.background{ background-color:#F5F500 }
```

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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