

# Converting Colors

Decimal(16120490)

Have a look what the booklet for  
Decimal(16120490) contains.

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# **Color**

**Decimal(16120490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5FAAA
RGB	245, 250, 170
RGB Percent	96%, 98%, 67%
CMY	0.0392, 0.0196, 0.3333
CMYK	0.02, 0.00, 0.32, 0.02
HSL	64°, 89%, 82%
HSV	64°, 32%, 98%
XYZ	79.0975, 90.6860, 51.3655
YIQ	239.3850, 22.7000, -25.9400

# Conversions

## Conversions Part 2

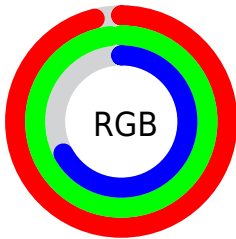
Format	Color
<a href="#">RYB</a>	<a href="#">170, 250, 175</a>
Decimal	<a href="#">16120490</a>
CIELab	<a href="#">96.28, -13.66, 37.89</a>
CIELCh	<a href="#">96, 40.283, 109.829</a>
Yxy	<a href="#">90.6860, 0.3577, 0.4101</a>
Android (android.graphics.Color)	<a href="#">4294310570 (0xFFF5FAAA)</a>
YUV	<a href="#">239.3850, -34.2068, 4.9244</a>
Hunter-Lab	<a href="#">95.2292, -18.3887, 34.6801</a>

# Details

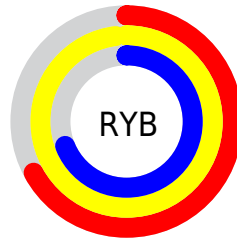
The Decimal color **16120490** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **11512570**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777186**, and **12370549** is the 20% darker color. If you saturate the color by 10%, you get **15989393**, and if you desaturate by 10%, it is **16251587**.

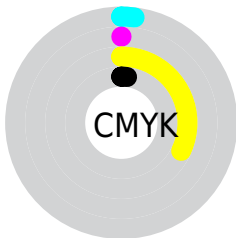
# Distribution



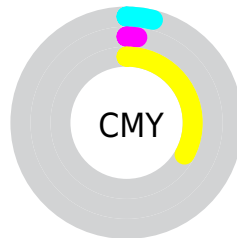
- Red (96%)
- Green (98%)
- Blue (67%)



- Red (67%)
- Yellow (98%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16120490 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 16120490 by changing the saturation by 10% instead.



 16120490

 16120490

16777215

 14212495

 16777186

 12370549

 10528347

 8752195

 7041835

 5331474

 3752704

 2174208

 6400

 16120490

 16120490

 15989393

 16251587

 15923832

 16317148

 15792735

 16448245

 15727174

 16513791

 15596077

 16644863

 15530516

 16710399

 15399424

 16775935

# Harmonies

## Analogous

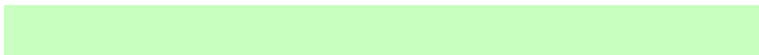
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772520



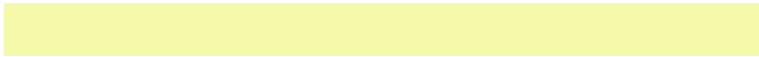
16120490



13172673

# Triad

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



16120490



8257535



16767231

# Complementary

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



16120490



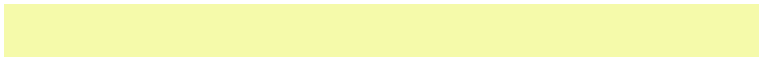
11512570

# 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.



16769535



16120490



11402495

# Square

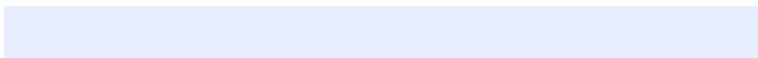
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



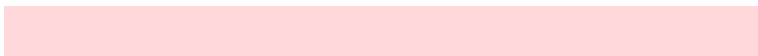
16120490



7929855



15200255



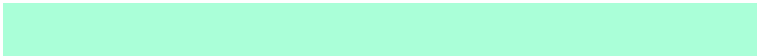
16767196

# Rectangle

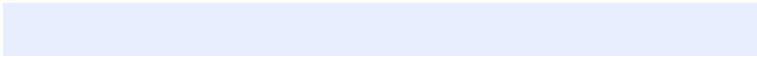
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16120490



11206616



15200255



16767999



# Sweetspot

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



16120490



16646118



16428714



8355952



0



8421504



# Same Dimension

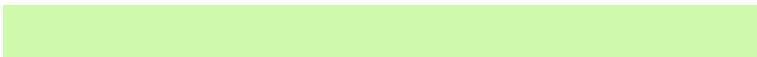
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16120490



16383902



13564586



8158576



11648256



3751168



# Inverse Universe

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



11512570



10788607



14068474



7434365



786621

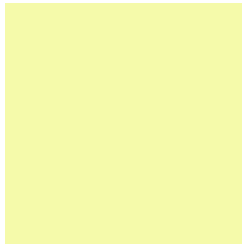


262205



# Previews

## White Background



This preview shows how the Decimal color 16120490 looks on a white background.

## Color Contrast Check

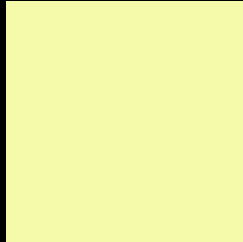
Large Text (above 18pt) WCAG AA × Fail

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 16120490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

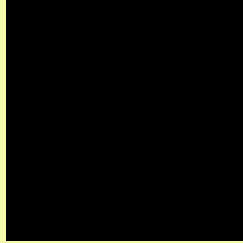
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16120490 Background



This preview shows how black text looks on a background with the Decimal color 16120490.

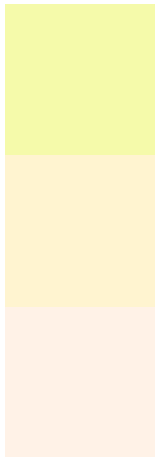


This preview shows how white text looks on a background with the Decimal color 16120490.

# 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**  
16120490

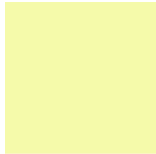
**Protanopia**  
16774352

**Deuteranopia**  
16773863

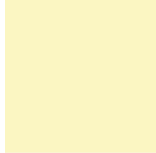


**Tritanopia**  
16707839

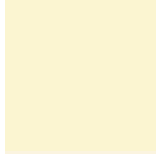
# Trichromacy



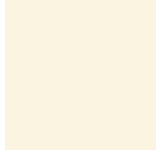
**Original Color**  
16120490



**Protanomaly**  
16512706

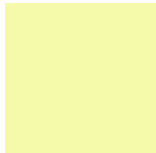


**Deuteranomaly**  
16512465

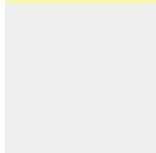


**Tritanomaly**  
16512224

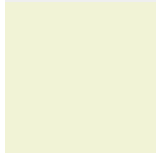
# Monochromacy



**Original Color**  
16120490



**Achromatopsia**  
15724527



**Achromatomaly**  
15856598

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16120490 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 #F5FAAA looks like.

```
.text, #text, p{  
  color:#F5FAAA  
}
```

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 #F5FAAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FAAA
}
```

## Border

The CSS property to change the border of an element to Decimal 16120490 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
#F5FAAA }
```

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

```
.border{ border-color:#F5FAAA }
```

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

Here you see how a box with a 4 pixel #F5FAAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FAAA; -webkit-box-shadow:4px 4px  
4px 4px #F5FAAA; box-shadow:4px 4px 4px  
4px #F5FAAA }
```

# Background

The CSS property to change the background color of an element to Decimal 16120490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FAAA }
```

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

```
.background{ background-color:#F5FAAA }
```

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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