

Converting Colors

Decimal(16449382)

Have a look what the booklet for
Decimal(16449382) contains.

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Color

Decimal(16449382)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF66
RGB	250, 255, 102
RGB Percent	98%, 100%, 40%
CMY	0.0196, 0.0000, 0.6000
CMYK	0.02, 0.00, 0.60, 0.00
HSL	62°, 100%, 70%
HSV	62°, 60%, 100%
XYZ	77.5826, 92.8033, 26.3942
YIQ	236.0630, 46.1330, -48.6430

Conversions

Conversions Part 2

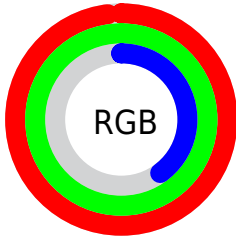
Format	Color
RYB	102, 255, 107
Decimal	16449382
CIELab	97.15, -20.42, 70.38
CIELCh	97, 73.282, 106.183
Yxy	92.8033, 0.3943, 0.4716
Android (android.graphics.Color)	4294639462 (0xFFFAFF66)
YUV	236.0630, -66.0931, 12.2227
Hunter-Lab	96.3345, -24.8310, 51.1896

Details

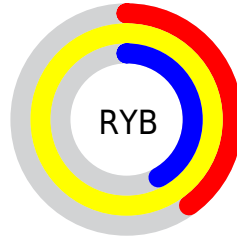
The Decimal color **16449382** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7038719**, and the grayscale version is **15592941**.

A 20% lighter version of the original color is **16777118**, and **12502570** is the 20% darker color. If you saturate the color by 10%, you get **16383821**, and if you desaturate by 10%, it is **16514944**.

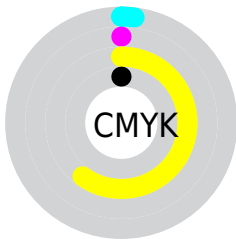
Distribution



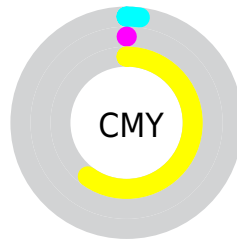
- Red (98%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)


















- Cyan (2%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16449382 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 16449382 by changing the saturation by 10% instead.

 16449382	 16449382
16777215	 14475849
 16777118	 12502570
 16777147	 10595072
 16777176	 8753408
 16777205	 6911744
	 5136128
	 3360512
	 1585408
	 7424

■ 16449382

■ 16449382

■ 16383821

■ 16514944

■ 16318259

■ 16580505

■ 16252697

■ 16580531

■ 16252672

■ 16646092

■ 16711654

16777215

Harmonies

Analogous

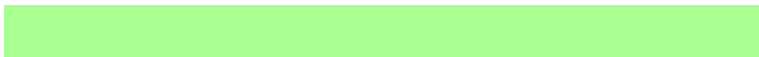
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770920



16449382



11141008

Triad

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



16449382



65535



16760319

Complementary

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



16449382



7038719

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.



16766207



16449382



65535

Square

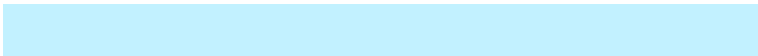
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16449382



65535



12775935



16759507

Rectangle

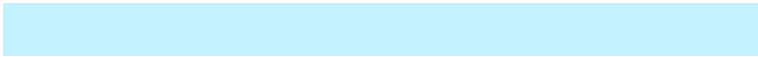
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16449382



5898171



12775935



16761855

Sweetspot

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



16449382



16711633



16738662



8355939



0



8421504

Same Dimension

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



16449382



16383815



11599718



8355955



12173056



4079616

Inverse Universe

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



7038719



5064703



11888383



7566208



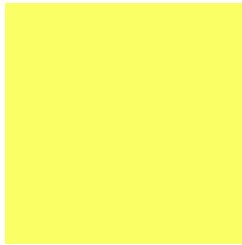
393407



131136

Previews

White Background



This preview shows how the Decimal color 16449382 looks on a white background.

Color Contrast Check

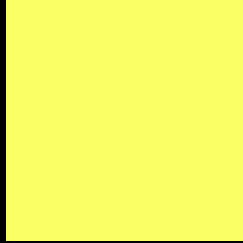
Large Text (above 18pt) WCAG AA × Fail

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 16449382 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 16449382 Background



This preview shows how black text looks on a background with the Decimal color 16449382.

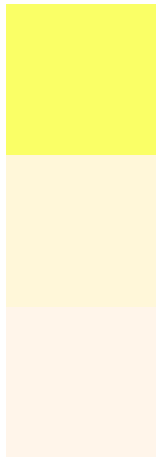


This preview shows how white text looks on a background with the Decimal color 16449382.

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
16449382

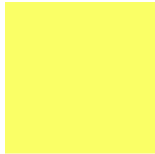
Protanopia
16775129

Deuteranopia
16774634

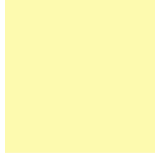


Tritanopia
16774140

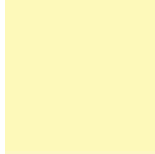
Trichromacy



Original Color
16449382



Protanomaly
16644783



Deuteranomaly
16644538

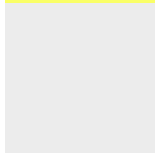


Tritanomaly
16644037

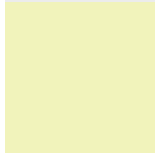
Monochromacy



Original Color
16449382



Achromatopsia
15527148



Achromatomaly
15856571

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16449382 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 #FAFF66 looks like.

```
.text, #text, p{  
  color:#FAFF66  
}
```

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 #FAFF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAFF66
}
```

Border

The CSS property to change the border of an element to Decimal 16449382 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
#FAFF66 }
```

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

```
.border{ border-color:#FAFF66 }
```

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

Here you see how a box with a 4 pixel #FAFF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAFF66; -webkit-box-shadow:4px 4px  
4px 4px #FAFF66; box-shadow:4px 4px 4px  
4px #FAFF66 }
```

Background

The CSS property to change the background color of an element to Decimal 16449382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAFF66 }
```

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

```
.background{ background-color:#FAFF66 }
```

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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