

Converting Colors

Decimal(16378033)

Have a look what the booklet for
Decimal(16378033) contains.

Decimal(16378033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16378033)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8B1
RGB	249, 232, 177
RGB Percent	98%, 91%, 69%
CMY	0.0235, 0.0902, 0.3059
CMYK	0.00, 0.07, 0.29, 0.02
HSL	46°, 86%, 84%
HSV	46°, 29%, 98%
XYZ	75.8593, 81.0273, 53.2366
YIQ	230.8130, 27.7870, -13.5010

Conversions

Conversions Part 2

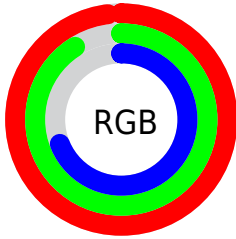
Format	Color
RYB	199, 249, 177
Decimal	16378033
CIELab	92.14, -2.34, 28.89
CIElCh	92, 28.989, 94.633
Yxy	81.0273, 0.3610, 0.3856
Android (android.graphics.Color)	4294568113 (0xFFFF9E8B1)
YUV	230.8130, -26.5298, 15.9500
Hunter-Lab	90.0152, -7.0975, 27.9454

Details

The Decimal color **16378033** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **11649785**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16777193**, and **12628092** is the 20% darker color. If you saturate the color by 10%, you get **16376472**, and if you desaturate by 10%, it is **16379594**.

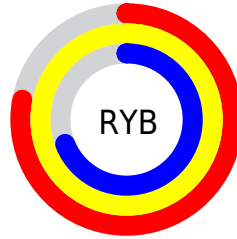
Distribution



Red (98%)

Green (91%)

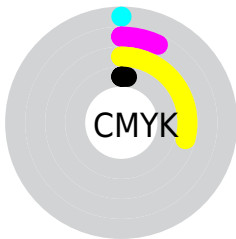
Blue (69%)



Red (78%)

Yellow (98%)

Blue (69%)

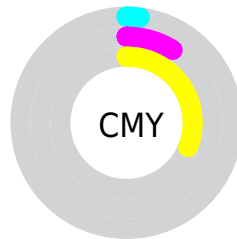


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16378033 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 16378033 by changing the saturation by 10% instead.

 16378033

 16378033

16777215

 14470294

 16777193

 12628092

 10786403

 9010250

 7299891

 5655580

 4011269

 2498560

 395520

 16378033

 16378033

 16376472

 16379594

 16374911

 16381155

 16373350

 16382716

 16371789

 16383999

 16370485

 16368924

 16367363

 16367104

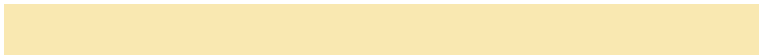
Harmonies

Analogous

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



16768951



16378033



14348474

Triad

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



16378033



10090495



16767231

Complementary

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



16378033



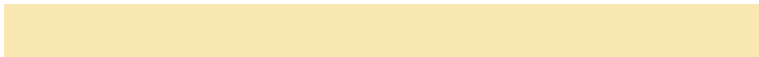
11649785

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.



15982847



16378033



11203327

Square

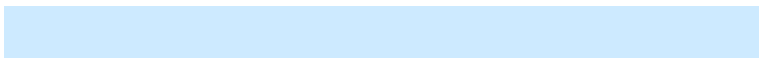
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16378033



10615020



13495039



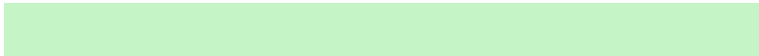
16766181

Rectangle

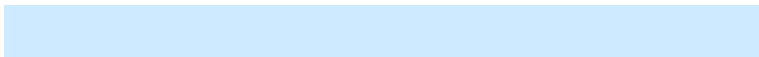
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16378033



12973511



13495039



16767743

Sweetspot

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



16378033



16775912



16363971



8420465



0



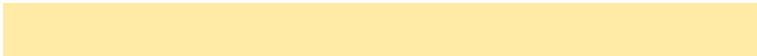
8421504

Same Dimension

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



16378033



16771750



15202737



8223344



12423168



4009728

Inverse Universe

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



11649785



10927103



12825081



7369597



11709



3645

Previews

White Background



This preview shows how the Decimal color 16378033 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 16378033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

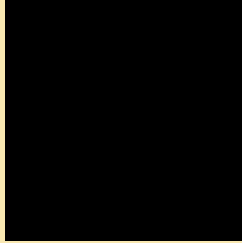
Any Text WCAG AA ✓ Pass

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 16378033 Background



This preview shows how black text looks on a background with the Decimal color 16378033.

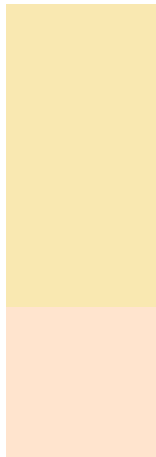


This preview shows how white text looks on a background with the Decimal color 16378033.

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
16378033

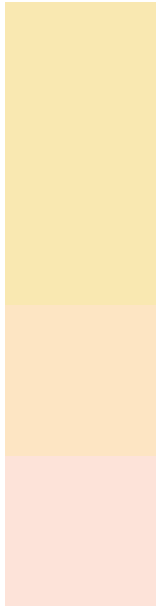
Protanopia
16378033

Deuteranopia
16770254



Tritanopia
16769264

Trichromacy



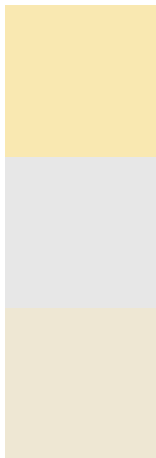
Original Color
16378033

Protanomaly
16378033

Deuteranomaly
16639427

Tritanomaly
16638937

Monochromacy



Original Color
16378033

Achromatopsia
15198183

Achromatomaly
15656915

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16378033 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 #F9E8B1 looks like.

```
.text, #text, p{  
    color:#F9E8B1  
}
```

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 #F9E8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9E8B1
}
```

Border

The CSS property to change the border of an element to Decimal 16378033 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
#F9E8B1 }
```

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

```
.border{ border-color:#F9E8B1 }
```

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

Here you see how a box with a 4 pixel #F9E8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9E8B1; -webkit-box-shadow:4px 4px  
4px 4px #F9E8B1; box-shadow:4px 4px 4px  
4px #F9E8B1 }
```

Background

The CSS property to change the background color of an element to Decimal 16378033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9E8B1 }
```

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

```
.background{ background-color:#F9E8B1 }
```

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