

Converting Colors

Decimal(16441664)

Have a look what the booklet for
Decimal(16441664) contains.

Decimal(16441664)	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(16441664)

Conversions

Conversions Part 1

Format	Color
Hex	FAE140
RGB	250, 225, 64
RGB Percent	98%, 88%, 25%
CMY	0.0196, 0.1176, 0.7490
CMYK	0.00, 0.10, 0.74, 0.02
HSL	52°, 95%, 62%
HSV	52°, 74%, 98%
XYZ	67.2750, 74.5446, 15.6933
YIQ	214.1210, 66.5810, -44.7710

Conversions

Conversions Part 2

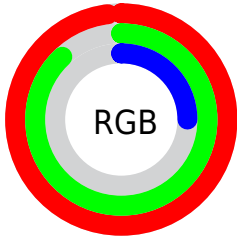
Format	Color
R_{YB}	93, 250, 64
Decimal	16441664
CIE _{Lab}	89.18, -7.76, 76.48
CIE _{LCh}	89, 76.875, 95.795
Yxy	74.5446, 0.4271, 0.4733
Android (android.graphics.Color)	4294631744 (0xFFFAE140)
YUV	214.1210, -74.0097, 31.4659
Hunter-Lab	86.3392, -12.0075, 49.6607

Details

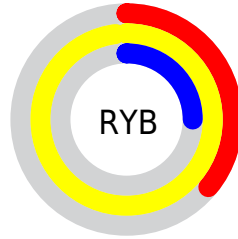
The Decimal color **16441664** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4217338**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777083**, and **12429824** is the 20% darker color. If you saturate the color by 10%, you get **16440871**, and if you desaturate by 10%, it is **16442457**.

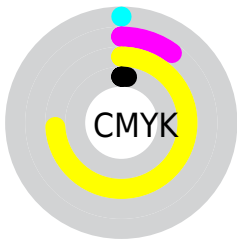
Distribution



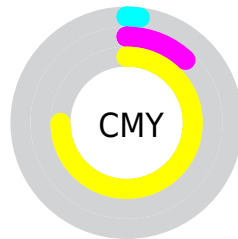
- Red (98%)
- Green (88%)
- Blue (25%)



- Red (36%)
- Yellow (98%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (74%)
- Black (2%)



















- Cyan (2%)
- Magenta (12%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16441664 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 16441664 by changing the saturation by 10% instead.

 16441664	 16441664
16777215	 14402844
 16777083	 12429824
 16777111	 10522624
 16777140	 8615424
 16777169	 6774272
 16777199	 4933376
	 3223808
	 1645568
	 0

16441664

16441664

16440871

16442457

16439822

16443506

16439296

16444299

16445092

16446141

16446934

16447983

16448767

16449535

Harmonies

Analogous

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



16762454



16441664



11400289

Triad

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



16441664



65535



16755199

Complementary

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



16441664



4217338

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.



16173055



16441664



63743

Square

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



16441664



65517



6087935



16751829

Rectangle

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



16441664



6814857



6087935



16757503

Sweetspot

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



16441664



16775111



16400476



8420190



0



8421504

Same Dimension

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



16441664



16769052



12188224



8223600



12428032



4011264

Inverse Universe

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



4217338



1850367



8470778



7369341



6589



2109

Previews

White Background



This preview shows how the Decimal color 16441664 looks on a white background.

Color Contrast Check

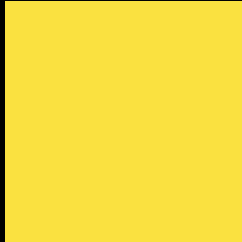
Large Text (above 18pt) WCAG AA × Fail

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 16441664 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 16441664 Background



This preview shows how black text looks on a background with the Decimal color 16441664.



This preview shows how white text looks on a background with the Decimal color 16441664.

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
16441664

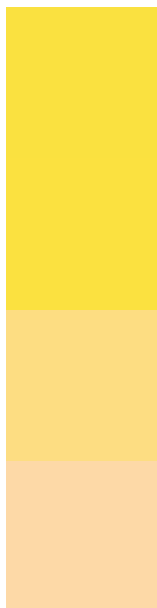
Protanopia
16507200

Deuteranopia
16767655



Tritanopia
16766434

Trichromacy



Original Color

16441664

Protanomaly

16507200

Deuteranomaly

16637314

Tritanomaly

16636327

Monochromacy



Original Color

16441664

Achromatopsia

14079702

Achromatomaly

14932639

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16441664 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 #FAE140 looks like.

```
.text, #text, p{  
  color:#FAE140  
}
```

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 #FAE140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAE140
}
```

Border

The CSS property to change the border of an element to Decimal 16441664 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
#FAE140 }
```

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

```
.border{ border-color:#FAE140 }
```

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

Here you see how a box with a 4 pixel #FAE140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAE140; -webkit-box-shadow:4px 4px  
4px 4px #FAE140; box-shadow:4px 4px 4px  
4px #FAE140 }
```

Background

The CSS property to change the background color of an element to Decimal 16441664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAE140 }
```

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

```
.background{ background-color:#FAE140 }
```

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