

Converting Colors

Decimal(14464830)

Have a look what the booklet for
Decimal(14464830) contains.

Decimal(14464830)	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(14464830)

Conversions

Conversions Part 1

Format	Color
Hex	DCB73E
RGB	220, 183, 62
RGB Percent	86%, 72%, 24%
CMY	0.1373, 0.2824, 0.7569
CMYK	0.00, 0.17, 0.72, 0.14
HSL	46°, 69%, 55%
HSV	46°, 72%, 86%
XYZ	47.3182, 49.4304, 11.6045
YIQ	180.2690, 60.8930, -29.7870

Conversions

Conversions Part 2

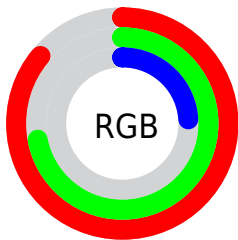
Format	Color
RYB	110, 220, 62
Decimal	14464830
CIELab	75.72, 0.94, 63.31
CIELCh	76, 63.318, 89.149
Yxy	49.4304, 0.4367, 0.4562
Android (android.graphics.Color)	4292654910 (0xFFDCB73E)
YUV	180.2690, -58.3066, 34.8441
Hunter-Lab	70.3068, -2.9019, 39.4286

Details

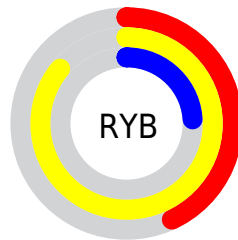
The Decimal color **14464830** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4088796**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16772981**, and **10584576** is the 20% darker color. If you saturate the color by 10%, you get **14463528**, and if you desaturate by 10%, it is **14466132**.

Distribution



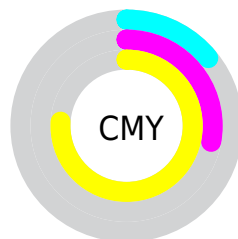
- Red (86%)
- Green (72%)
- Blue (24%)



- Red (43%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14464830 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 14464830 by changing the saturation by 10% instead.

 14464830

 14464830

16777215

 12491808

 16772981

 10584576

 16777104

 8677888

 16777132

 6902272

 16777160

 5061376

 16777189

 3352064

 1708288

 0

 14464830

 14464830

14463528

14466132

14462226

14467434

14460928

14468736

14470294

14471596

14472898

14474200

14475502

14476799

Harmonies

Analogous

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



16752982



14464830



10668110

Triad

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



14464830



55026



16749815

Complementary

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



14464830



4088796

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.



12168447



14464830



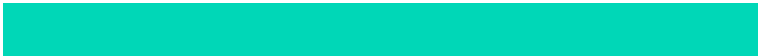
53503

Square

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



14464830



55223



2212607



16746175

Rectangle

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



14464830



7458667



2212607



15572223

Sweetspot

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



14464830



16773831



14433894



8419422



0



8421504

Same Dimension

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



14464830



16763940



11918398



7236451



11371776



3023616

Inverse Universe

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



4088796



2381823



6700764



6514030



10669



2862

Previews

White Background



This preview shows how the Decimal color 14464830 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 14464830 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 14464830 Background



This preview shows how black text looks on a background with the Decimal color 14464830.



This preview shows how white text looks on a background with the Decimal color 14464830.

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
14464830

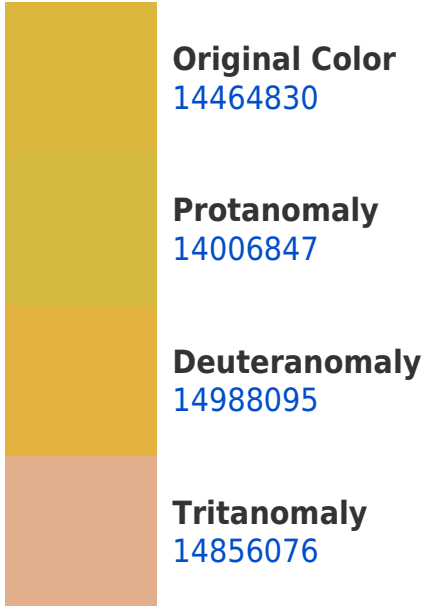
Protanopia
13744959

Deuteranopia
15315264

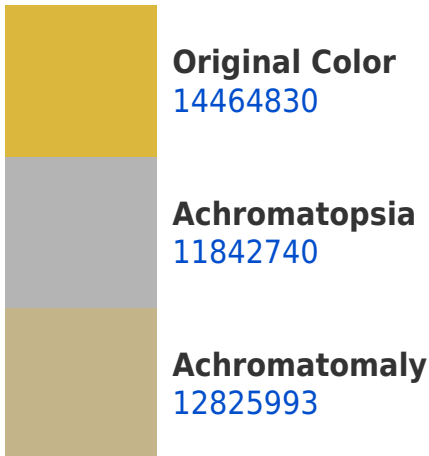


Tritanopia
15051704

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 14464830 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 #DCB73E looks like.

```
.text, #text, p{  
    color:#DCB73E  
}
```

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 #DCB73E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCB73E
}
```

Border

The CSS property to change the border of an element to Decimal 14464830 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
#DCB73E }
```

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

```
.border{ border-color:#DCB73E }
```

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

Here you see how a box with a 4 pixel #DCB73E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCB73E; -webkit-box-shadow:4px 4px  
4px 4px #DCB73E; box-shadow:4px 4px 4px  
4px #DCB73E }
```

Background

The CSS property to change the background color of an element to Decimal 14464830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCB73E }
```

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

```
.background{ background-color:#DCB73E }
```

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