

Converting Colors

Decimal(15450982)

Have a look what the booklet for
Decimal(15450982) contains.

Decimal(15450982)	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(15450982)

Conversions

Conversions Part 1

Format	Color
Hex	EBC366
RGB	235, 195, 102
RGB Percent	92%, 76%, 40%
CMY	0.0784, 0.2353, 0.6000
CMYK	0.00, 0.17, 0.57, 0.08
HSL	42°, 77%, 66%
HSV	42°, 57%, 92%
XYZ	56.1743, 57.6517, 20.7376
YIQ	196.3580, 53.6930, -20.4430

Conversions

Conversions Part 2

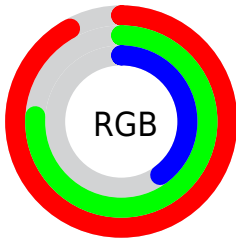
Format	Color
RYB	159, 235, 102
Decimal	15450982
CIELab	80.54, 3.46, 51.39
CIELCh	81, 51.503, 86.148
Yxy	57.6517, 0.4175, 0.4284
Android (android.graphics.Color)	4293641062 (0xFFEBC366)
YUV	196.3580, -46.5185, 33.8890
Hunter-Lab	75.9287, -0.8156, 36.9569

Details

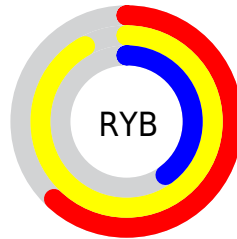
The Decimal color **15450982** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6721259**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16776091**, and **11570738** is the 20% darker color. If you saturate the color by 10%, you get **15449167**, and if you desaturate by 10%, it is **15452798**.

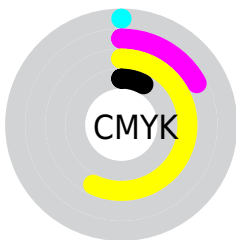
Distribution



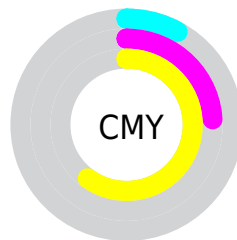
- Red (92%)
- Green (76%)
- Blue (40%)



- Red (62%)
- Yellow (92%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (8%)



















- Cyan (8%)
- Magenta (24%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15450982 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 15450982 by changing the saturation by 10% instead.

 15450982	 15450982
 16777215	 13477964
 16776091	 11570738
 16777143	 9729047
 16777171	 7887872
 16777200	 6112256
	 4337408
	 2693632
	 786432
	 0

15450982

15450982

15449167

15452798

15447351

15454613

15445536

15456428

15443720

15458244

15442944

15460060

15461875

15463679

15465727

15466495

Harmonies

Analogous

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



16757369



15450982



12309103

Triad

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



15450982



57585



16690430

Complementary

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



15450982



6721259

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.



12828415



15450982



56063

Square

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



15450982



2285760



700063



16753104

Rectangle

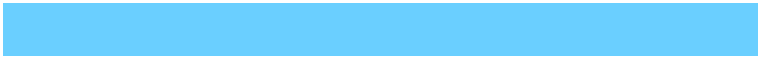
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15450982



9886083



7000063



15577599

Sweetspot

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



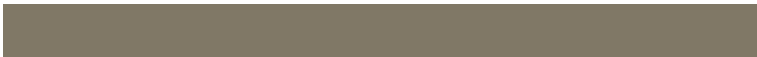
15450982



16773844



15427216



8419430



0



8421504

Same Dimension

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



15450982



16763730



13888358



7697002



11894528



3548416

Inverse Universe

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



6721259



5408511



8283883



6974837



14005



4150

Previews

White Background



This preview shows how the Decimal color 15450982 looks on a white background.

Color Contrast Check

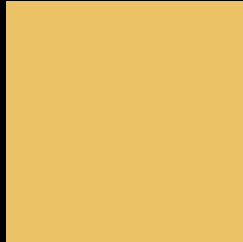
Large Text (above 18pt) WCAG AA × Fail

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 15450982 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 15450982 Background



This preview shows how black text looks on a background with the Decimal color 15450982.



This preview shows how white text looks on a background with the Decimal color 15450982.

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](#).

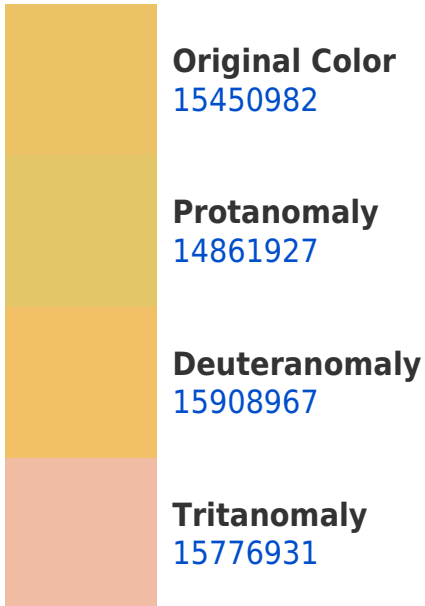
Dichromacy



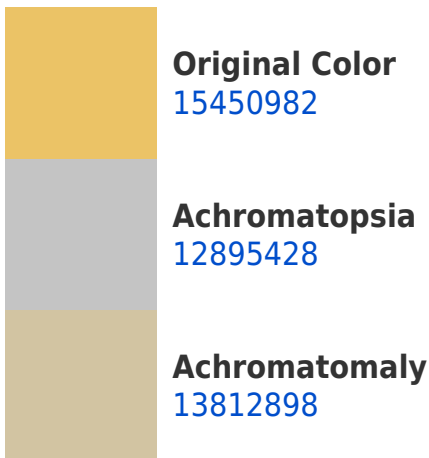


Tritanopia
15972550

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15450982 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 #EBC366 looks like.

```
.text, #text, p{  
    color:#EBC366  
}
```

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 #EBC366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBC366  
}
```

Border

The CSS property to change the border of an element to Decimal 15450982 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  
#EBC366 }
```

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

```
.border{ border-color:#EBC366 }
```

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

Here you see how a box with a 4 pixel #EBC366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBC366; -webkit-box-shadow:4px 4px  
4px 4px #EBC366; box-shadow:4px 4px 4px  
4px #EBC366 }
```

Background

The CSS property to change the background color of an element to Decimal 15450982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBC366 }
```

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

```
.background{ background-color:#EBC366 }
```

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