

Converting Colors

Decimal(15255672)

Have a look what the booklet for
Decimal(15255672) contains.

Decimal(15255672)	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(15255672)

Conversions

Conversions Part 1

Format	Color
Hex	E8C878
RGB	232, 200, 120
RGB Percent	91%, 78%, 47%
CMY	0.0902, 0.2157, 0.5294
CMYK	0.00, 0.14, 0.48, 0.09
HSL	43°, 71%, 69%
HSV	43°, 48%, 91%
XYZ	57.3232, 59.8204, 26.2945
YIQ	200.4480, 44.7520, -18.0960

Conversions

Conversions Part 2

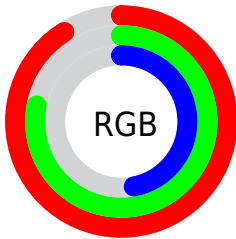
Format	Color
RYB	165, 232, 120
Decimal	15255672
CIELab	81.74, 1.15, 43.97
CIELCh	82, 43.986, 88.506
Yxy	59.8204, 0.3996, 0.4170
Android (android.graphics.Color)	4293445752 (0xFFE8C878)
YUV	200.4480, -39.6609, 27.6711
Hunter-Lab	77.3437, -3.0564, 33.9837

Details

The Decimal color **15255672** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7903464**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777134**, and **11440709** is the 20% darker color. If you saturate the color by 10%, you get **15253857**, and if you desaturate by 10%, it is **15257487**.

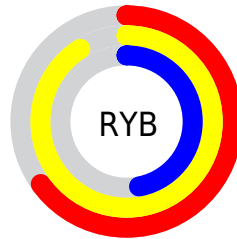
Distribution



Red (91%)

Green (78%)

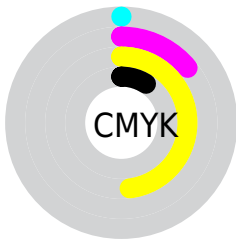
Blue (47%)



Red (65%)

Yellow (91%)

Blue (47%)

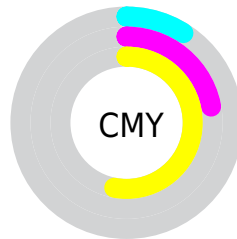


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (9%)



Cyan (9%)
















Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15255672 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 15255672 by changing the saturation by 10% instead.

 15255672	 15255672
 16777215	 13348190
 16777134	 11440709
 16777161	 9599276
 16777190	 7823378
	 6048000
	 4403712
	 2694656
	 853248
	 0

15255672

15255672

15253857

15257487

15252298

15259046

15250482

15260862

15248667

15262677

15247108

15264236

15246848

15266047

15267583

15269375

15269887

Harmonies

Analogous

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



16759430



15255672



12506497

Triad

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



15255672



57585



16626679

Complementary

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



15255672



7903464

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.



13484543



15255672



3922943

Square

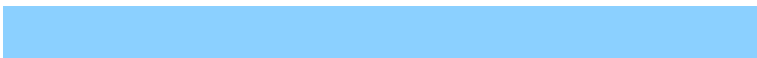
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15255672



5497288



9163007



16755663

Rectangle

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



15255672



10410899



9163007



15710207

Sweetspot

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



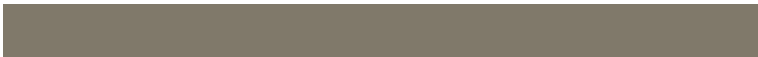
15255672



16774619



15235226



8419690



0



8421504

Same Dimension

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



15255672



16766315



13822072



7565159



11763712



3351552

Inverse Universe

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



7903464



7050751



9337064



6777715



13235



3891

Previews

White Background



This preview shows how the Decimal color 15255672 looks on a white background.

Color Contrast Check

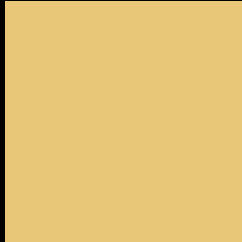
Large Text (above 18pt) WCAG AA × Fail

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 15255672 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 15255672 Background



This preview shows how black text looks on a background with the Decimal color 15255672.

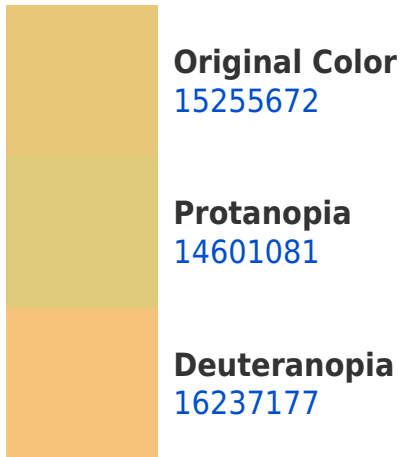


This preview shows how white text looks on a background with the Decimal color 15255672.

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](#).

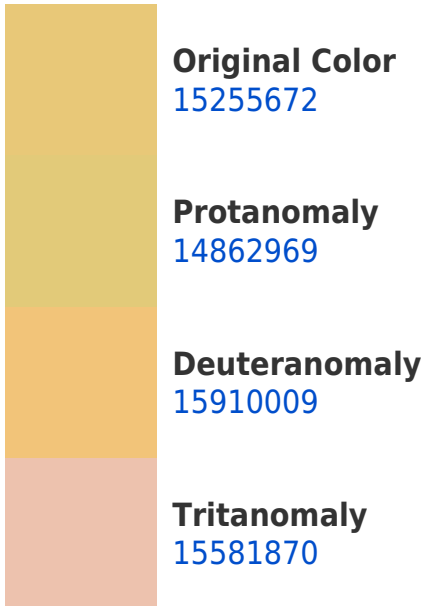
Dichromacy





Tritanopia
15777485

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15255672 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 #E8C878 looks like.

```
.text, #text, p{  
    color:#E8C878  
}
```

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 #E8C878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C878  
}
```

Border

The CSS property to change the border of an element to Decimal 15255672 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  
#E8C878 }
```

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

```
.border{ border-color:#E8C878 }
```

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

Here you see how a box with a 4 pixel #E8C878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C878; -webkit-box-shadow:4px 4px  
4px 4px #E8C878; box-shadow:4px 4px 4px  
4px #E8C878 }
```

Background

The CSS property to change the background color of an element to Decimal 15255672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C878 }
```

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

```
.background{ background-color:#E8C878 }
```

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