

Converting Colors

Decimal(15123614)

Have a look what the booklet for
Decimal(15123614) contains.

Decimal(15123614)	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(15123614)

Conversions

Conversions Part 1

Format	Color
Hex	E6C49E
RGB	230, 196, 158
RGB Percent	90%, 77%, 62%
CMY	0.0980, 0.2314, 0.3804
CMYK	0.00, 0.15, 0.31, 0.10
HSL	32°, 59%, 76%
HSV	32°, 31%, 90%
XYZ	58.5446, 58.7715, 40.6061
YIQ	201.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

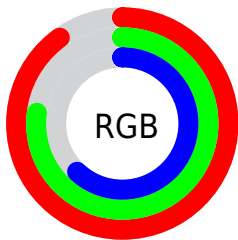
Format	Color
R_{YB}	222, 230, 158
Decimal	15123614
CIE _{Lab}	81.17, 6.60, 23.57
CIE _{LCh}	81, 24.475, 74.348
Yxy	58.7715, 0.3707, 0.3722
Android (android.graphics.Color)	4293313694 (0xFFE6C49E)
YUV	201.8340, -21.6102, 24.7016
Hunter-Lab	76.6626, 2.1550, 22.2594

Details

The Decimal color **15123614** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10404070**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16776661**, and **11374186** is the 20% darker color. If you saturate the color by 10%, you get **15120775**, and if you desaturate by 10%, it is **15126453**.

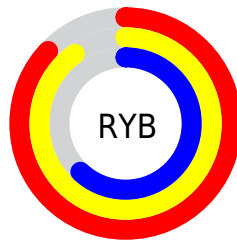
Distribution



Red (90%)

Green (77%)

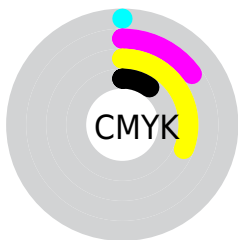
Blue (62%)



Red (87%)

Yellow (90%)

Blue (62%)

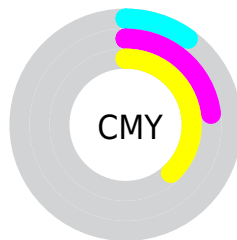


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (10%)



Cyan (10%)


Magenta (23%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15123614 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 15123614 by changing the saturation by 10% instead.


 15123614

 15123614

16777215

 13216132

 16776661

 11374186

 16777201

 9598290

 7887931


 6178084


 4534031

 3021312

 1310720

 0

 15123614


 15123614

 15120775


 15126453

 15117936

 15129292

 15115097


 15132131


 15112514


 15134714

 15109675

 15137535

 15106836

 15138815

 15104256

Harmonies

Analogous

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



16104875



15123614



13683869

Triad

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



15123614



9230292



14401770

Complementary

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



15123614



10404070

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.



12503286



15123614



9229545

Square

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



15123614



10344124



10473461



15776727

Rectangle

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



15123614



12505251



10473461



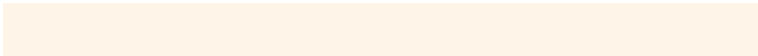
13812719

Sweetspot

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



15123614



16774376



15113921



8419697



0



8421504

Same Dimension

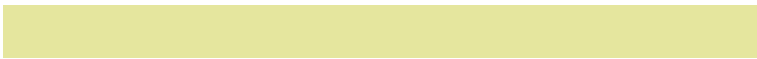
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15123614



16765342



15066782



7564647



11755008



3349248

Inverse Universe

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



10404070



10407167



10460902



6778227



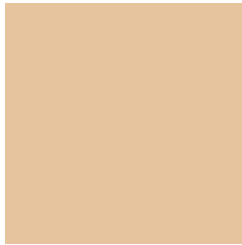
21683



6195

Previews

White Background



This preview shows how the Decimal color 15123614 looks on a white background.

Color Contrast Check

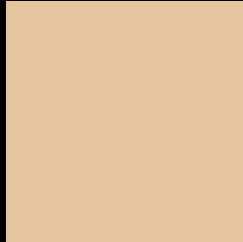
Large Text (above 18pt) WCAG AA × Fail

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 15123614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

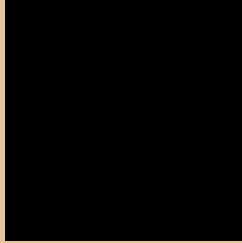
Any Text WCAG AA ✓ Pass

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 15123614 Background



This preview shows how black text looks on a background with the Decimal color 15123614.



This preview shows how white text looks on a background with the Decimal color 15123614.

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](#).

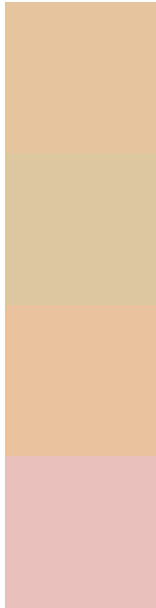
Dichromacy





Tritanopia
15449804

Trichromacy



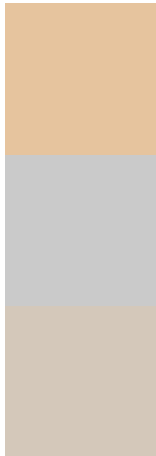
Original Color
15123614

Protanomaly
14469024

Deuteranomaly
15385502

Tritanomaly
15319227

Monochromacy



Original Color
15123614

Achromatopsia
13290186

Achromatomaly
13945018

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15123614 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 #E6C49E looks like.

```
.text, #text, p{  
    color:#E6C49E  
}
```

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 #E6C49E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6C49E
}
```

Border

The CSS property to change the border of an element to Decimal 15123614 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
#E6C49E }
```

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

```
.border{ border-color:#E6C49E }
```

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

Here you see how a box with a 4 pixel #E6C49E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6C49E; -webkit-box-shadow:4px 4px  
4px 4px #E6C49E; box-shadow:4px 4px 4px  
4px #E6C49E }
```

Background

The CSS property to change the background color of an element to Decimal 15123614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6C49E }
```

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

```
.background{ background-color:#E6C49E }
```

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