

Converting Colors

Decimal(15130314)

Have a look what the booklet for
Decimal(15130314) contains.

Decimal(15130314)	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(15130314)

Conversions

Conversions Part 1

Format	Color
Hex	E6DECA
RGB	230, 222, 202
RGB Percent	90%, 87%, 79%
CMY	0.0980, 0.1294, 0.2078
CMYK	0.00, 0.03, 0.12, 0.10
HSL	43°, 36%, 85%
HSV	43°, 12%, 90%
XYZ	69.4151, 73.3298, 66.3726
YIQ	222.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

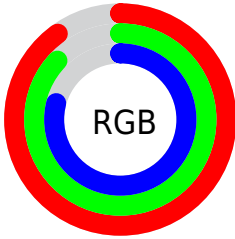
Format	Color
R _Y B	213, 230, 202
Decimal	15130314
CIE Lab	88.60, -0.61, 10.77
CIE LCh	89, 10.791, 93.243
Yxy	73.3298, 0.3319, 0.3507
Android (android.graphics.Color)	4293320394 (0xFFE6DECA)
YUV	222.1120, -9.9152, 6.9178
Hunter-Lab	85.6328, -5.1631, 13.9883

Details

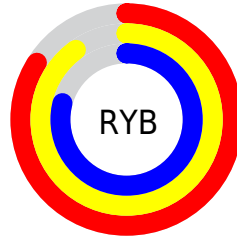
The Decimal color **15130314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13292262**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777215**, and **11446164** is the 20% darker color. If you saturate the color by 10%, you get **15128499**, and if you desaturate by 10%, it is **15132129**.

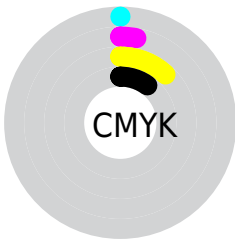
Distribution



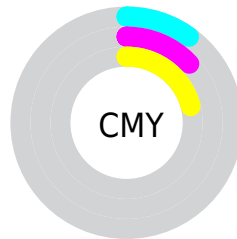
- Red (90%)
- Green (87%)
- Blue (79%)



- Red (84%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15130314 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 15130314 by changing the saturation by 10% instead.

■ 15130314

16777215

■ 15130314

■ 13288111

■ 11446164

■ 9735546

■ 8024929

■ 6380362


■ 4801331


■ 3288350

■ 1972229


■ 0

 15130314

 15130314

 15128499


 15132129

 15126940

 15133688

 15125125

 15135487


 15123566


 15137023


 15121751

 15138815

 15120192

 15118377

 15116562

 15115264

Harmonies

Analogous

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



15784908



15130314



14344653

Triad

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



15130314



12969193



15587816

Complementary

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



15130314



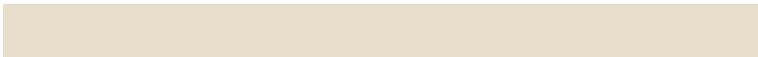
13292262

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.



14867440



15130314



13296368

Square

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



15130314



13100511



14016499



16046302

Rectangle

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



15130314



13820882



14016499



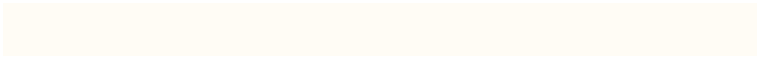
15391211

Sweetspot

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



15130314



16776437



15125202



8420985



0



8421504

Same Dimension

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



15130314



16774361



14739146



7565159



11763712



3351552

Inverse Universe

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



13292262



14279935



13683430



6777715



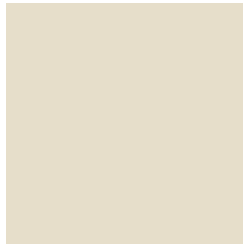
13235



3891

Previews

White Background



This preview shows how the Decimal color 15130314 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 15130314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

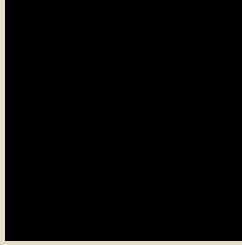
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

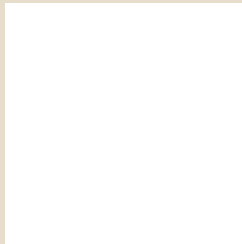
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 15130314 Background



This preview shows how black text looks on a background with the Decimal color 15130314.

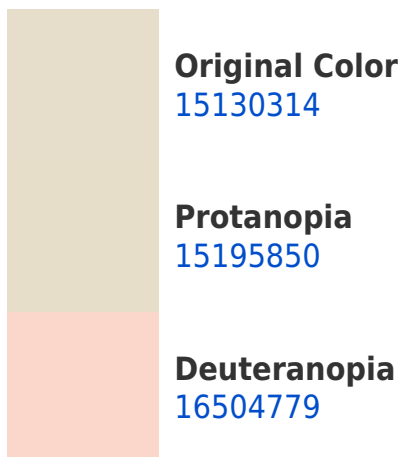


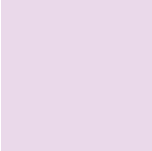
This preview shows how white text looks on a background with the Decimal color 15130314.

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
15391210

Trichromacy



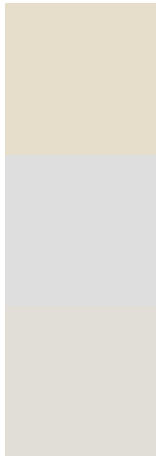
Original Color
15130314

Protanomaly
15195850

Deuteranomaly
15981259

Tritanomaly
15326174

Monochromacy



Original Color
15130314

Achromatopsia
14606046

Achromatomaly
14802647

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15130314 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 #E6DECA looks like.

```
.text, #text, p{  
  color:#E6DECA  
}
```

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 #E6DECA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6DECA
}
```

Border

The CSS property to change the border of an element to Decimal 15130314 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
#E6DECA }
```

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

```
.border{ border-color:#E6DECA }
```

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

Here you see how a box with a 4 pixel #E6DECA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6DECA; -webkit-box-shadow:4px 4px  
4px 4px #E6DECA; box-shadow:4px 4px 4px  
4px #E6DECA }
```

Background

The CSS property to change the background color of an element to Decimal 15130314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6DECA }
```

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

```
.background{ background-color:#E6DECA }
```

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