

# Converting Colors

Decimal(15254144)

Have a look what the booklet for  
Decimal(15254144) contains.

<b>Decimal(15254144)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15254144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C280
RGB	232, 194, 128
RGB Percent	91%, 76%, 50%
CMY	0.0902, 0.2392, 0.4980
CMYK	0.00, 0.16, 0.45, 0.09
HSL	38°, 69%, 71%
HSV	38°, 45%, 91%
XYZ	56.4668, 57.2979, 28.5056
YIQ	197.8380, 43.8340, -12.4700

# Conversions

## Conversions Part 2

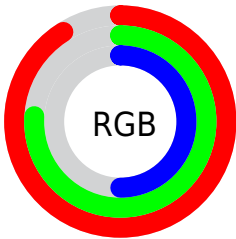
Format	Color
<a href="#">RYB</a>	<a href="#">188, 232, 128</a>
Decimal	<a href="#">15254144</a>
CIELab	<a href="#">80.35, 5.04, 38.17</a>
CIELCh	<a href="#">80, 38.503, 82.479</a>
Yxy	<a href="#">57.2979, 0.3969, 0.4027</a>
Android (android.graphics.Color)	<a href="#">4293444224 (0xFFE8C280)</a>
YUV	<a href="#">197.8380, -34.4301, 29.9601</a>
Hunter-Lab	<a href="#">75.6954, 0.6895, 30.6592</a>

# Details

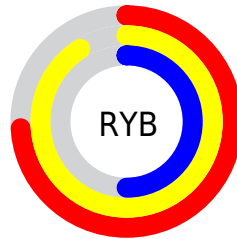
The Decimal color **15254144** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8431336**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16775862**, and **11439437** is the 20% darker color. If you saturate the color by 10%, you get **15252073**, and if you desaturate by 10%, it is **15256215**.

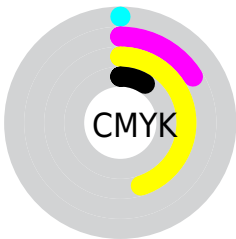
# Distribution



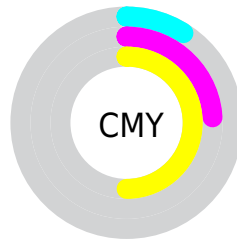
- Red (91%)
- Green (76%)
- Blue (50%)



- Red (74%)
- Yellow (91%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15254144 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 15254144 by changing the saturation by 10% instead.



 15254144

 15254144

16777215

 13346662

 16775862

 11439437

 16777170

 9663285


 16777198

 7822109

 6112004

 4402432

 2758912

 917504

 0

15254144

15254144

15252073

15256215

15249746

15258542

15247674

15260614

15245347

15262941

15243276

15265012

15241984

15267327

15269375

15269887

# Harmonies

## Analogous

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



16758416



15254144



12897668

# Triad

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



15254144



4840418



15513076

# Complementary

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



15254144



8431336

# 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.



12567039



15254144



5494527

# Square

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



15254144



7264957



8900351



16756178

# Rectangle

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



15254144



11130001



8900351



14662141

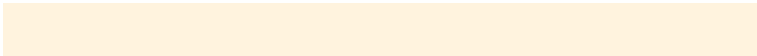


# Sweetspot

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



15254144



16774110



15237286



8419435



0



8421504



# Same Dimension

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



15254144



16764277



14346368



7565159



11759872



3350528

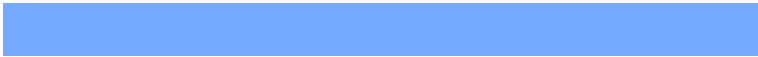


# Inverse Universe

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



8431336



7710975



9339112



6777715



16819



4915



# Previews

## White Background



This preview shows how the Decimal color 15254144 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 15254144 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 15254144 Background



This preview shows how black text looks on a background with the Decimal color 15254144.




This preview shows how white text looks on a background with the Decimal color 15254144.

# 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](#).

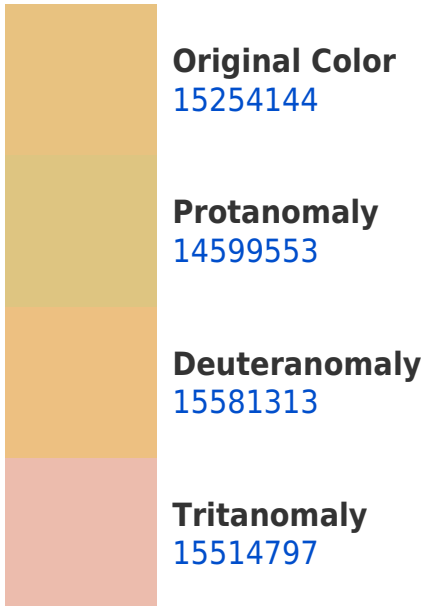
## Dichromacy



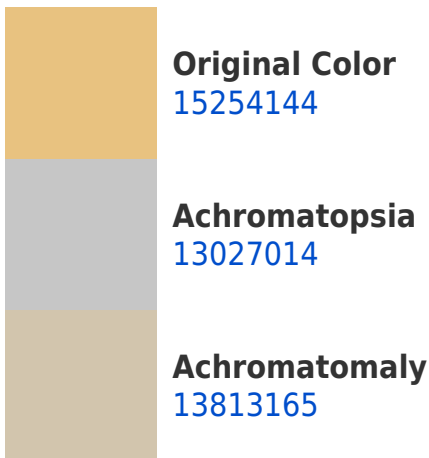


**Tritanopia**  
15710663

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15254144 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 #E8C280 looks like.

```
.text, #text, p{  
    color:#E8C280  
}
```

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 #E8C280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C280
}
```

## Border

The CSS property to change the border of an element to Decimal 15254144 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
#E8C280 }
```

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

```
.border{ border-color:#E8C280 }
```

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

Here you see how a box with a 4 pixel #E8C280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C280; -webkit-box-shadow:4px 4px  
4px 4px #E8C280; box-shadow:4px 4px 4px  
4px #E8C280 }
```

# Background

The CSS property to change the background color of an element to Decimal 15254144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C280 }
```

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

```
.background{ background-color:#E8C280 }
```

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