

# Converting Colors

Decimal(15200976)

Have a look what the booklet for  
Decimal(15200976) contains.

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# **Color**

**Decimal(15200976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7F2D0
RGB	231, 242, 208
RGB Percent	91%, 95%, 82%
CMY	0.0941, 0.0510, 0.1843
CMYK	0.05, 0.00, 0.14, 0.05
HSL	79°, 57%, 88%
HSV	79°, 14%, 95%
XYZ	76.0923, 85.0473, 72.0798
YIQ	234.8350, 4.3580, -12.9060

# Conversions

## Conversions Part 2

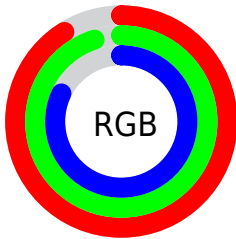
Format	Color
RYP	208, 242, 219
Decimal	15200976
CIELab	93.90, -9.45, 15.18
CIElCh	94, 17.884, 121.905
Yxy	85.0473, 0.3263, 0.3647
Android (android.graphics.Color)	4293391056 (0xFFE7F2D0)
YUV	234.8350, -13.2297, -3.3633
Hunter-Lab	92.2211, -14.1052, 18.2138

# Details

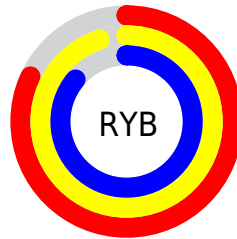
The Decimal color **15200976** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **14405874**, and the grayscale version is **15461355**.

A 20% lighter version of the original color is **16777215**, and **11516570** is the 20% darker color. If you saturate the color by 10%, you get **14676664**, and if you desaturate by 10%, it is **15725288**.

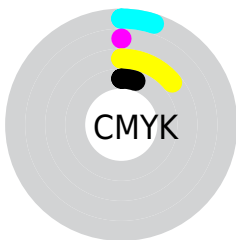
# Distribution



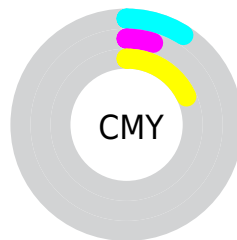
- Red (91%)
- Green (95%)
- Blue (82%)



- Red (82%)
- Yellow (95%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15200976 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 15200976 by changing the saturation by 10% instead.



15200976

15200976

16777215

13358772

11516570

9805696

8095078

6450254

4870967

3357730

1910540

4864

 15200976

 15200976

 14676664


 15725288

 14152352

 16249599

 13693575

 16708351

 13169263

 16773887

 12644951

 12120639

 11596327

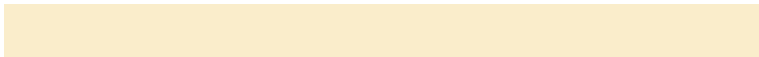
 11072014

 10809856

# Harmonies

## Analogous

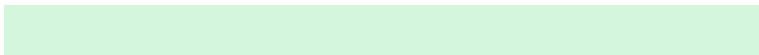
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16444875



15200976



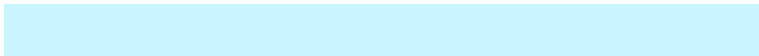
13956829

# Triad

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



15200976



13300991



16769773

# Complementary

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



15200976



14405874

# Split Complementary

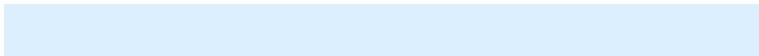
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16770302



15200976



14479359

# Square

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



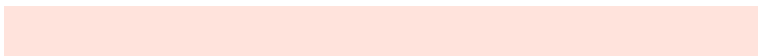
15200976



12711935



15919615



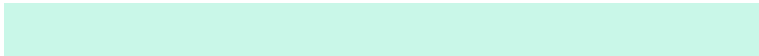
16770012

# Rectangle

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



15200976



13236200



15919615



16769779



# Sweetspot

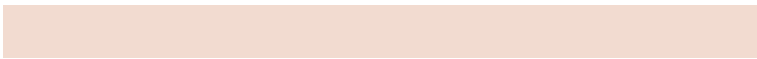
The Sweet Spot groups the original color and five complimentary colors.



15200976



16580597



15915984



8224889



0



8421504

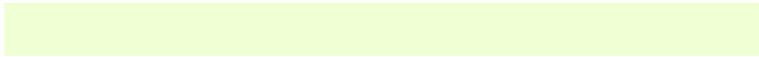


# Same Dimension

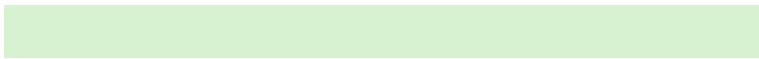
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15200976



15859668



14086864



7633004



8173568



2504704



# Inverse Universe

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



14405874



14865663



15519986



7367800



3866808

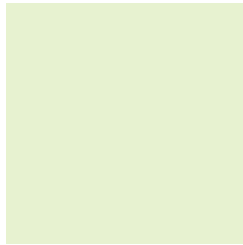


1179704



# Previews

## White Background



This preview shows how the Decimal color 15200976 looks on a white background.

## Color Contrast Check

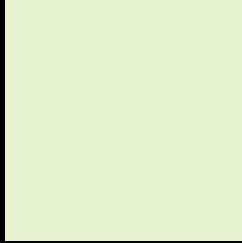
Large Text (above 18pt) WCAG AA × Fail

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 15200976 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

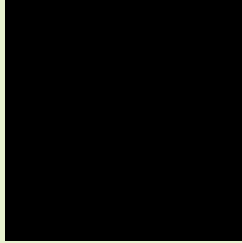
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

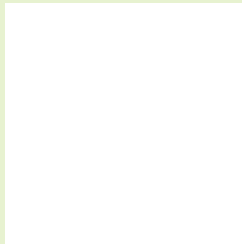
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15200976 Background



This preview shows how black text looks on a background with the Decimal color 15200976.

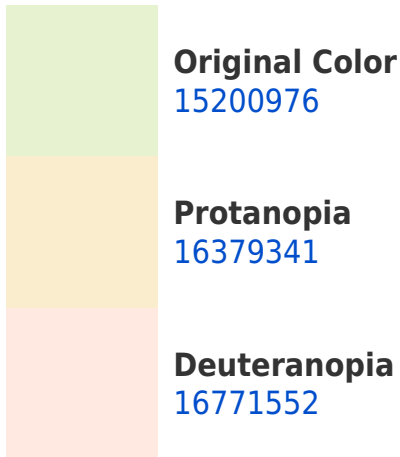



This preview shows how white text looks on a background with the Decimal color 15200976.

# 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](#).

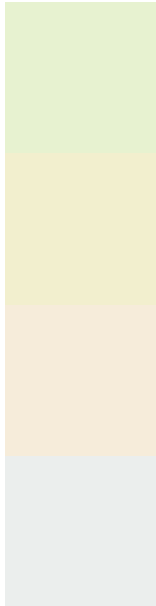
## Dichromacy





**Tritanopia**  
15657982

# Trichromacy



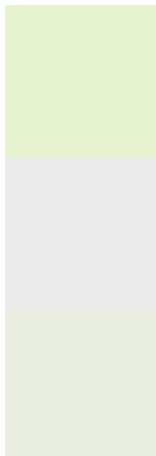
**Original Color**  
15200976

**Protanomaly**  
15921102

**Deuteranomaly**  
16182490

**Tritanomaly**  
15462125

# Monochromacy



**Original Color**  
15200976

**Achromatopsia**  
15461355

**Achromatomaly**  
15396577

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15200976 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 #E7F2D0 looks like.

```
.text, #text, p{  
    color:#E7F2D0  
}
```

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 #E7F2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7F2D0
}
```

## Border

The CSS property to change the border of an element to Decimal 15200976 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
#E7F2D0 }
```

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

```
.border{ border-color:#E7F2D0 }
```

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

Here you see how a box with a 4 pixel #E7F2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7F2D0; -webkit-box-shadow:4px 4px  
4px 4px #E7F2D0; box-shadow:4px 4px 4px  
4px #E7F2D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 15200976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7F2D0 }
```

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

```
.background{ background-color:#E7F2D0 }
```

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](#).



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