

# Converting Colors

Decimal(15204275)

Have a look what the booklet for  
Decimal(15204275) contains.

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# **Color**

**Decimal(15204275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FFB3
RGB	231, 255, 179
RGB Percent	91%, 100%, 70%
CMY	0.0941, 0.0000, 0.2980
CMYK	0.09, 0.00, 0.30, 0.00
HSL	79°, 100%, 85%
HSV	79°, 30%, 100%
XYZ	76.8517, 91.7636, 56.3095
YIQ	239.1600, 10.0920, -28.7240

# Conversions

## Conversions Part 2

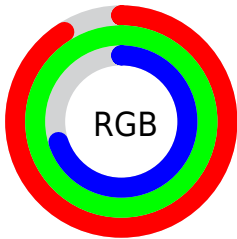
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 255, 203
Decimal	15204275
CIELab	96.72, -20.07, 33.82
CIELCh	97, 39.322, 120.687
Yxy	91.7636, 0.3417, 0.4080
Android (android.graphics.Color)	4293394355 (0xFFE7FFB3)
YUV	239.1600, -29.6589, -7.1563
Hunter-Lab	95.7933, -24.4339, 32.2033

# Details

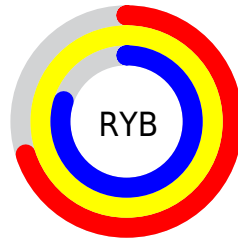
The Decimal color **15204275** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **13349887**, and the grayscale version is **15724527**.

A 20% lighter version of the original color is **16777195**, and **11519614** is the 20% darker color. If you saturate the color by 10%, you get **14679961**, and if you desaturate by 10%, it is **15728588**.

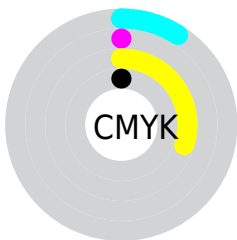
# Distribution



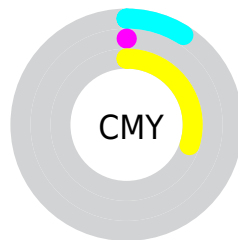
- Red (91%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15204275 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 15204275 by changing the saturation by 10% instead.




 15204275

 15204275

16777215

 13361816

 16777195

 11519614

 9677668

 7966795

 6256435

 4677148

 3032578

 1585152

 7168

■ 15204275

■ 15204275

■ 14679961

■ 15728588

■ 14155648

■ 16252902

■ 13631334

16777215

■ 13107021

■ 12582707

■ 12058394

■ 11534080

■ 11468544

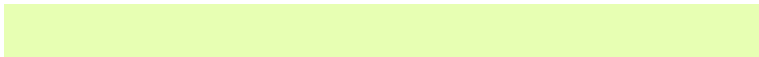
# Harmonies

## Analogous

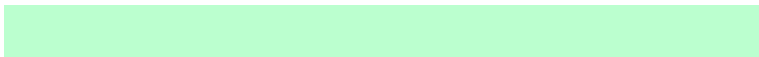
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16774057



15204275



12320719

# Triad

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



15204275



9568255



16767478

# Complementary

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



15204275



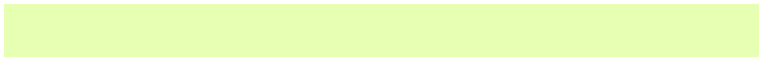
13349887

# 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.



16769023



15204275



12974591

# Square

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



15204275



8126463



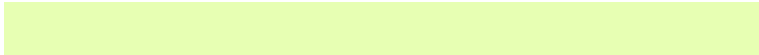
16575487



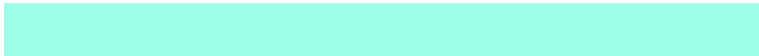
16768208

# Rectangle

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



15204275



10420200



16575487

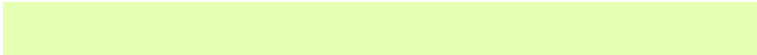


16767743

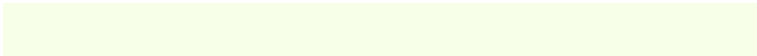


# Sweetspot

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



15204275



16318440



16763571



8093809



0

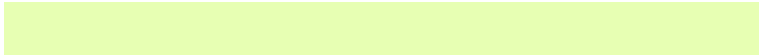


8421504

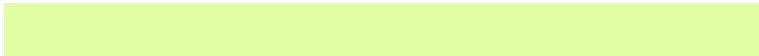


# Same Dimension

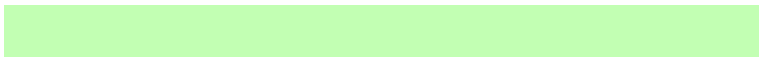
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15204275



14876579



12779443



8093811



8634112



2899968



# Inverse Universe

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



13349887



12624895



15774719



7828352



3932351

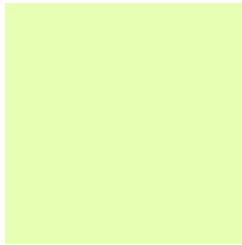


1310784



# Previews

## White Background



This preview shows how the Decimal color 15204275 looks on a white background.

## Color Contrast Check

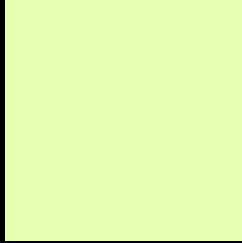
Large Text (above 18pt) WCAG AA × Fail

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 15204275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

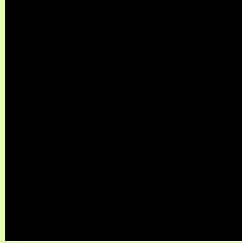
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

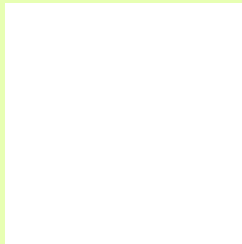
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15204275 Background



This preview shows how black text looks on a background with the Decimal color 15204275.

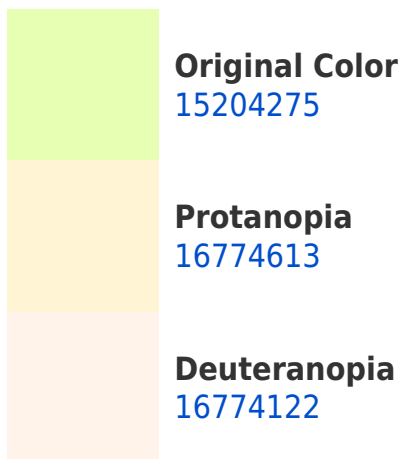


This preview shows how white text looks on a background with the Decimal color 15204275.

# 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



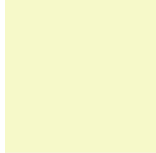


**Tritanopia**  
16053759

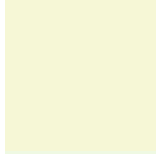
# Trichromacy



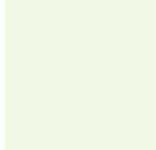
**Original Color**  
15204275



**Protanomaly**  
16185801

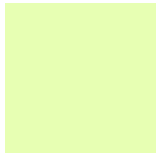


**Deuteranomaly**  
16185302

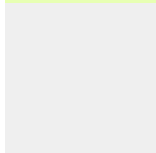


**Tritanomaly**  
15727075

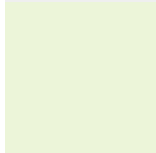
# Monochromacy



**Original Color**  
15204275



**Achromatopsia**  
15724527



**Achromatomaly**  
15529433

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15204275 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 #E7FFB3 looks like.

```
.text, #text, p{  
    color:#E7FFB3  
}
```

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 #E7FFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7FFB3
}
```

## Border

The CSS property to change the border of an element to Decimal 15204275 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
#E7FFB3 }
```

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

```
.border{ border-color:#E7FFB3 }
```

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

Here you see how a box with a 4 pixel #E7FFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7FFB3; -webkit-box-shadow:4px 4px  
4px 4px #E7FFB3; box-shadow:4px 4px 4px  
4px #E7FFB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 15204275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7FFB3 }
```

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

```
.background{ background-color:#E7FFB3 }
```

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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