

# Converting Colors

Decimal(8249989)

Have a look what the booklet for  
Decimal(8249989) contains.

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# **Color**

**Decimal(8249989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE285
RGB	125, 226, 133
RGB Percent	49%, 89%, 52%
CMY	0.5098, 0.1137, 0.4784
CMYK	0.45, 0.00, 0.41, 0.11
HSL	125°, 64%, 69%
HSV	125°, 45%, 89%
XYZ	39.8874, 60.4461, 31.7553
YIQ	185.1990, -30.3430, -50.3350

# Conversions

## Conversions Part 2

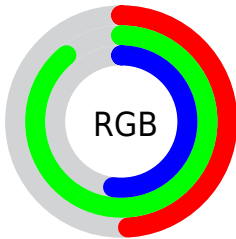
Format	Color
<a href="#">RYB</a>	<a href="#">125, 219, 226</a>
Decimal	<a href="#">8249989</a>
CIELab	<a href="#">82.08, -48.42, 36.47</a>
CIElCh	<a href="#">82, 60.616, 143.010</a>
Yxy	<a href="#">60.4461, 0.3020, 0.4576</a>
Android (android.graphics.Color)	<a href="#">4286440069 (0xFF7DE285)</a>
YUV	<a href="#">185.1990, -25.7341, -52.7945</a>
Hunter-Lab	<a href="#">77.7471, -44.4797, 30.2064</a>

# Details

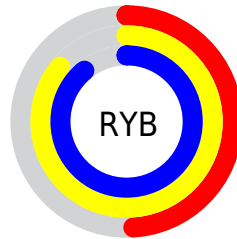
The Decimal color **8249989** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **14843354**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **11993019**, and **4434514** is the 20% darker color. If you saturate the color by 10%, you get **6742640**, and if you desaturate by 10%, it is **9757338**.

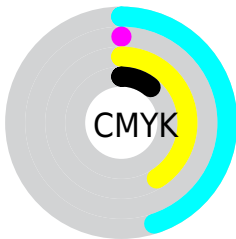
# Distribution



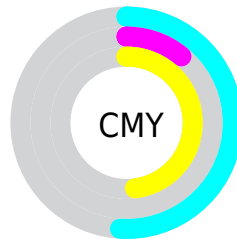
- Red (49%)
- Green (89%)
- Blue (52%)



- Red (49%)
- Yellow (86%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8249989 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 8249989 by changing the saturation by 10% instead.





8249989



8249989

16777215



6407787



11993019



4434514



13893591



2264889



15859700



29729



23301



16896



11520



3584



0

 8249989

 8249989

 6742640

 9757338

 5300827

 11199151

 3793479

 12706499

 2351666

 14148312

 844317

 15655661

 57874

 16769791

# Harmonies

## Analogous

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



12768862



8249989



59580

# Triad

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



8249989



2545407



16752291

# Complementary

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



8249989



14843354

# 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.



16752092



8249989



12239615

# Square

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



8249989



58367



16755967



16756595

# Rectangle

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



8249989



59876



16755967



16751797

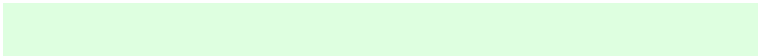


# Sweetspot

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



8249989



14614496



14410365



7045229



0



8421504



# Same Dimension

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



8249989



7733120



8250038



6647910



45070



12292



# Inverse Universe

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



14843354



16741876



14843305



7365999



11534498



3145773



# Previews

## White Background



This preview shows how the Decimal color 8249989 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 8249989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

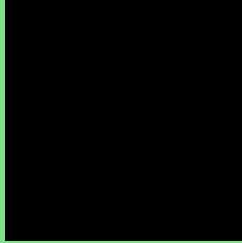
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 8249989 Background



This preview shows how black text looks on a background with the Decimal color 8249989.



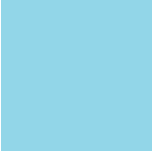
This preview shows how white text looks on a background with the Decimal color 8249989.

# 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



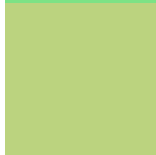


**Tritanopia**  
9623272

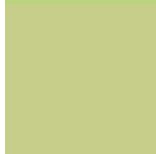
# Trichromacy



**Original Color**  
8249989



**Protanomaly**  
12309375



**Deuteranomaly**  
13094537



**Tritanomaly**  
9099972

# Monochromacy



**Original Color**  
8249989



**Achromatopsia**  
12171705



**Achromatomaly**  
10733734

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8249989 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 #7DE285 looks like.

```
.text, #text, p{  
    color:#7DE285  
}
```

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 #7DE285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE285
}
```

## Border

The CSS property to change the border of an element to Decimal 8249989 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
#7DE285 }
```

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

```
.border{ border-color:#7DE285 }
```

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

Here you see how a box with a 4 pixel #7DE285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE285; -webkit-box-shadow:4px 4px  
4px 4px #7DE285; box-shadow:4px 4px 4px  
4px #7DE285 }
```

# Background

The CSS property to change the background color of an element to Decimal 8249989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE285 }
```

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

```
.background{ background-color:#7DE285 }
```

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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