

# Converting Colors

Decimal(8376483)

Have a look what the booklet for  
Decimal(8376483) contains.

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# **Color**

**Decimal(8376483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD0A3
RGB	127, 208, 163
RGB Percent	50%, 82%, 64%
CMY	0.5020, 0.1843, 0.3608
CMYK	0.39, 0.00, 0.22, 0.18
HSL	147°, 46%, 66%
HSV	147°, 39%, 82%
XYZ	37.9191, 52.2681, 42.7405
YIQ	178.6510, -33.8310, -31.1670

# Conversions

## Conversions Part 2

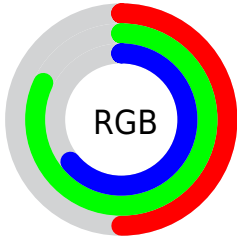
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 183, 208
Decimal	8376483
CIELab	77.44, -34.68, 14.67
CIELCh	77, 37.655, 157.078
Yxy	52.2681, 0.2853, 0.3932
Android (android.graphics.Color)	4286566563 (0xFF7FD0A3)
YUV	178.6510, -7.7159, -45.2979
Hunter-Lab	72.2967, -32.8972, 15.5565

# Details

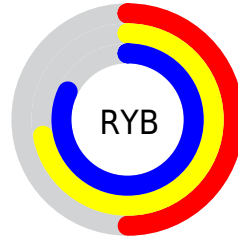
The Decimal color **8376483** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13664172**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **11993050**, and **4823407** is the 20% darker color. If you saturate the color by 10%, you get **7000215**, and if you desaturate by 10%, it is **9752751**.

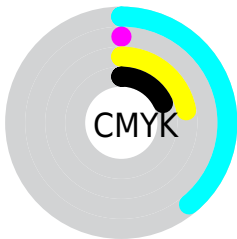
# Distribution



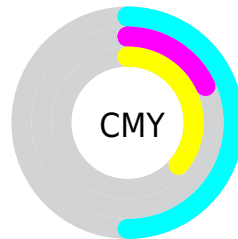
- Red (50%)
- Green (82%)
- Blue (64%)



- Red (50%)
- Yellow (72%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8376483 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 8376483 by changing the saturation by 10% instead.





8376483



8376483

16777215



6599817



11993050



4823407



13893622



2981719



15794175



615743



19753



13588



8448



0



8376483




8376483

 7000215

 9752751

 5623948

 11129018

 4313216

 12439750

 2936949

 13816017

 1560681

 15192285

 184414

 16568552

 53340

 16765172

 16765183

# Harmonies

## Analogous

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



11127431



8376483



5558983

# Triad

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



8376483



10273023



16755095

# Complementary

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



8376483



13664172

# 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.



16754104



8376483



13546487

# Square

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



8376483



6605567



15903195



15643776

# Rectangle

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



8376483



4313822



15903195



16754593

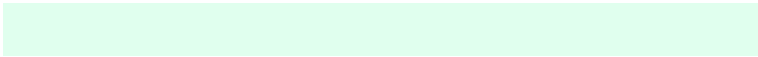


# Sweetspot

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



8376483



14745582



11391103



7241846



0



8421504



# Same Dimension

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



8376483



8912828



8376523



6187363



43083



10514



# Inverse Universe

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



13664172



16746442



13664132



6905444



11010142

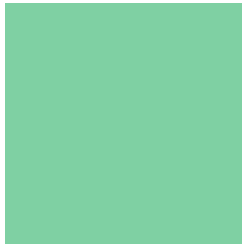


2686999



# Previews

## White Background



This preview shows how the Decimal color 8376483 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 8376483 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

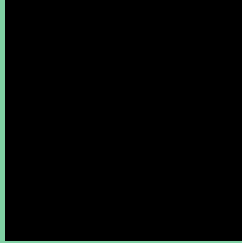
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8376483 Background



This preview shows how black text looks on a background with the Decimal color 8376483.



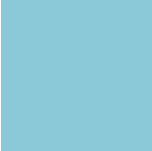
This preview shows how white text looks on a background with the Decimal color 8376483.

# 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**  
9161177

# Trichromacy



**Original Color**  
8376483



**Protanomaly**  
11519389



**Deuteranomaly**  
12107942



**Tritanomaly**  
8899781

# Monochromacy



**Original Color**  
8376483



**Achromatopsia**  
11776947



**Achromatomaly**  
10534573

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8376483 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 #7FD0A3 looks like.

```
.text, #text, p{  
    color:#7FD0A3  
}
```

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 #7FD0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD0A3
}
```

## Border

The CSS property to change the border of an element to Decimal 8376483 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
#7FD0A3 }
```

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

```
.border{ border-color:#7FD0A3 }
```

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

Here you see how a box with a 4 pixel #7FD0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD0A3; -webkit-box-shadow:4px 4px  
4px 4px #7FD0A3; box-shadow:4px 4px 4px  
4px #7FD0A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8376483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD0A3 }
```

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

```
.background{ background-color:#7FD0A3 }
```

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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