

Converting Colors

Decimal(8312484)

Have a look what the booklet for
Decimal(8312484) contains.

Decimal(8312484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8312484)

Conversions

Conversions Part 1

Format	Color
Hex	7ED6A4
RGB	126, 214, 164
RGB Percent	49%, 84%, 64%
CMY	0.5059, 0.1608, 0.3569
CMYK	0.41, 0.00, 0.23, 0.16
HSL	146°, 52%, 67%
HSV	146°, 41%, 84%
XYZ	39.3516, 55.2091, 43.7043
YIQ	181.9880, -36.3980, -34.2060

Conversions

Conversions Part 2

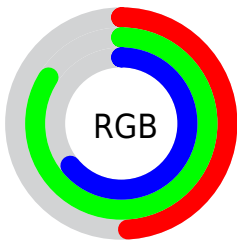
Format	Color
RYB	126, 187, 214
Decimal	8312484
CIELab	79.16, -37.52, 16.54
CIElCh	79, 41.004, 156.211
Yxy	55.2091, 0.2846, 0.3993
Android (android.graphics.Color)	4286502564 (0xFF7ED6A4)
YUV	181.9880, -8.8681, -49.1015
Hunter-Lab	74.3028, -35.4944, 17.1381

Details

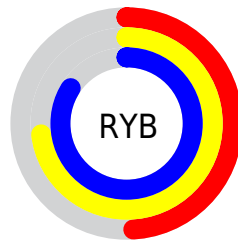
The Decimal color **8312484** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14057136**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **11993051**, and **4693872** is the 20% darker color. If you saturate the color by 10%, you get **6936216**, and if you desaturate by 10%, it is **9688752**.

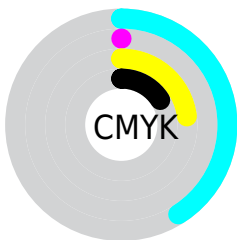
Distribution



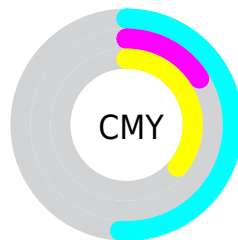
- Red (49%)
- Green (84%)
- Blue (64%)



- Red (49%)
- Yellow (73%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8312484 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 8312484 by changing the saturation by 10% instead.



8312484



8312484

16777215



6535818



11993051



4693872



13893624



2786392



15794175



27200



21034



14869



9472



0



8312484



8312484

■ 6936216

■ 9688752

■ 5494412

■ 11130556

■ 4118144

■ 12506824

■ 2676339

■ 13948629

■ 1300071

■ 15324897

■ 54876

■ 16701165

■ 16766713

■ 16766719

Harmonies

Analogous

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



11390853



8312484



4905419

Triad

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



8312484



10143231



16755609

Complementary

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



8312484



14057136

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.



16754365



8312484



13875199

Square

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



8312484



5820671



16493540



16234367

Rectangle

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



8312484



2873572



16493540



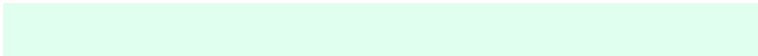
16755108

Sweetspot

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



8312484



14745582



11654782



7241845



0



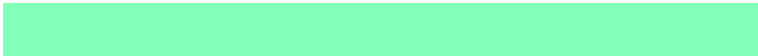
8421504

Same Dimension

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



8312484



8585144



8312527



6318949



43850



11027

Inverse Universe

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



14057136



16745161



14057093



7037030



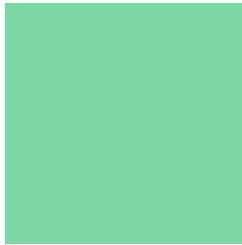
11206753



2818073

Previews

White Background



This preview shows how the Decimal color 8312484 looks on a white background.

Color Contrast Check

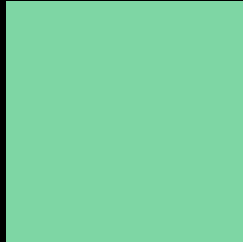
Large Text (above 18pt) WCAG AA × Fail

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 8312484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

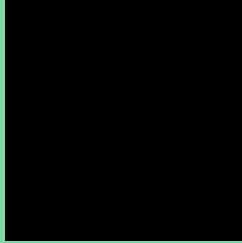
Any Text WCAG AA ✓ Pass

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 8312484 Background



This preview shows how black text looks on a background with the Decimal color 8312484.

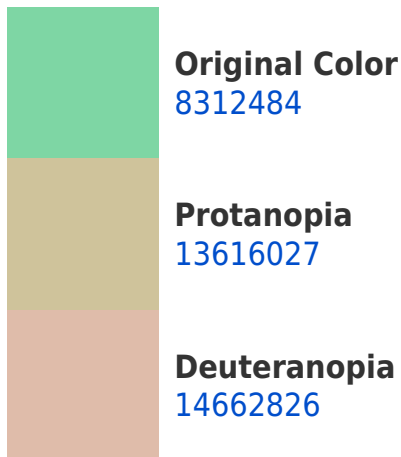


This preview shows how white text looks on a background with the Decimal color 8312484.

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
9227999

Trichromacy



Original Color
8312484



Protanomaly
11717278



Deuteranomaly
12371368



Tritanomaly
8901066

Monochromacy



Original Color
8312484



Achromatopsia
11974326



Achromatomaly
10666671

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8312484 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 #7ED6A4 looks like.

```
.text, #text, p{  
    color:#7ED6A4  
}
```

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 #7ED6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED6A4
}
```

Border

The CSS property to change the border of an element to Decimal 8312484 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
#7ED6A4 }
```

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

```
.border{ border-color:#7ED6A4 }
```

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

Here you see how a box with a 4 pixel #7ED6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED6A4; -webkit-box-shadow:4px 4px  
4px 4px #7ED6A4; box-shadow:4px 4px 4px  
4px #7ED6A4 }
```

Background

The CSS property to change the background color of an element to Decimal 8312484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED6A4 }
```

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

```
.background{ background-color:#7ED6A4 }
```

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