

Converting Colors

Decimal(8308332)

Have a look what the booklet for
Decimal(8308332) contains.

Decimal(8308332)	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(8308332)

Conversions

Conversions Part 1

Format	Color
Hex	7EC66C
RGB	126, 198, 108
RGB Percent	49%, 78%, 42%
CMY	0.5059, 0.2235, 0.5765
CMYK	0.36, 0.00, 0.45, 0.22
HSL	108°, 44%, 60%
HSV	108°, 45%, 78%
XYZ	31.5050, 45.9065, 21.3877
YIQ	166.2120, -14.0220, -43.2540

Conversions

Conversions Part 2

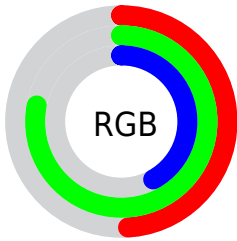
Format	Color
RYB	108, 198, 180
Decimal	8308332
CIELab	73.48, -39.68, 38.02
CIELCh	73, 54.956, 136.219
Yxy	45.9065, 0.3189, 0.4646
Android (android.graphics.Color)	4286498412 (0xFF7EC66C)
YUV	166.2120, -28.6985, -35.2659
Hunter-Lab	67.7543, -35.5695, 28.7122

Details

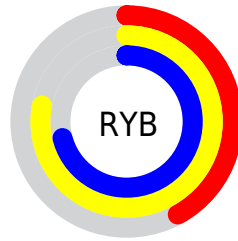
The Decimal color **8308332** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11824326**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **11992993**, and **4755514** is the 20% darker color. If you saturate the color by 10%, you get **7259736**, and if you desaturate by 10%, it is **9356928**.

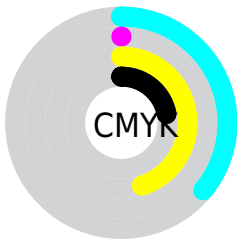
Distribution



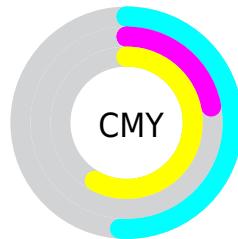
- Red (49%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8308332 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 8308332 by changing the saturation by 10% instead.



8308332



8308332

16777215



6531667



11992993



4755514



13828028



2913569



15728600



547845



16777205



17408



11520



5120



0



8308332



8308332

■ 7259736

■ 9356928

■ 6211140

■ 10405524

■ 5162545

■ 11454119

■ 4179485

■ 12437179

■ 3130889

■ 13485775

■ 2672128

■ 14534371

■ 15582967

■ 16631551

■ 16762623

Harmonies

Analogous

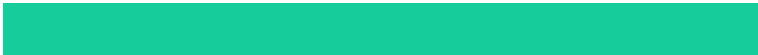
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12040783



8308332



1494171

Triad

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



8308332



49663



16747163

Complementary

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



8308332



11824326

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.



16747726



8308332



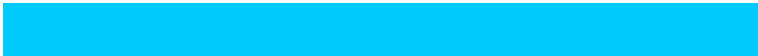
9548031

Square

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



8308332



51964



14392571



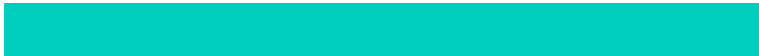
16750446

Rectangle

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



8308332



52926



14392571



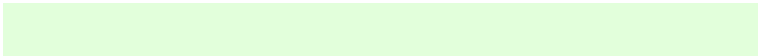
16746924

Sweetspot

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



8308332



14876635



13022316



7241834



0



8421504

Same Dimension

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



8308332



9437043



7128711



5989210



2204416



467968

Inverse Universe

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



11824326



14906367



13003947



6380131



8585379



1900580

Previews

White Background



This preview shows how the Decimal color 8308332 looks on a white background.

Color Contrast Check

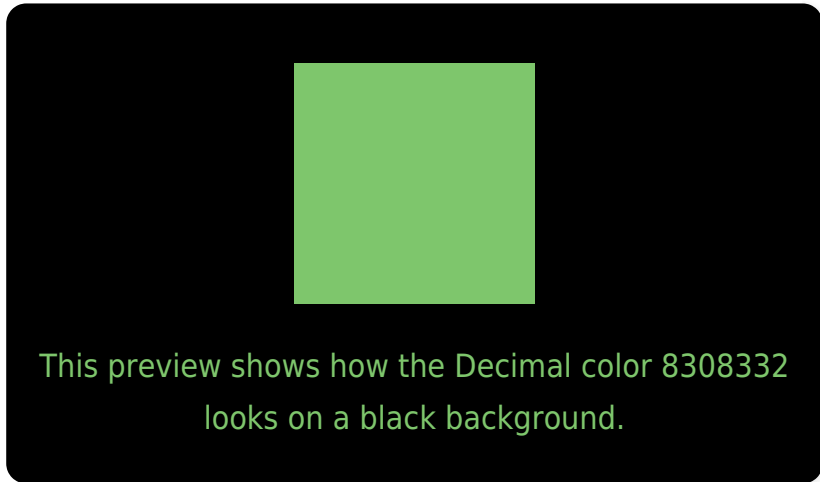
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

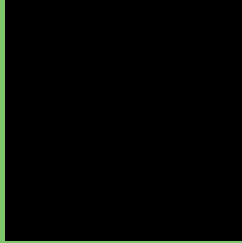
Any Text WCAG AA ✓ Pass

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 8308332 Background



This preview shows how black text looks on a background with the Decimal color 8308332.



This preview shows how white text looks on a background with the Decimal color 8308332.

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
9419722

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8308332 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 #7EC66C looks like.

```
.text, #text, p{  
    color:#7EC66C  
}
```

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 #7EC66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EC66C
}
```

Border

The CSS property to change the border of an element to Decimal 8308332 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
#7EC66C }
```

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

```
.border{ border-color:#7EC66C }
```

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

Here you see how a box with a 4 pixel #7EC66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EC66C; -webkit-box-shadow:4px 4px  
4px 4px #7EC66C; box-shadow:4px 4px 4px  
4px #7EC66C }
```

Background

The CSS property to change the background color of an element to Decimal 8308332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EC66C }
```

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

```
.background{ background-color:#7EC66C }
```

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