

Converting Colors

Decimal(3999744)

Have a look what the booklet for
Decimal(3999744) contains.

Decimal(3999744)	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(3999744)

Conversions

Conversions Part 1

Format	Color
Hex	3D0800
RGB	61, 8, 0
RGB Percent	24%, 3%, 0%
CMY	0.7608, 0.9686, 1.0000
CMYK	0.00, 0.87, 1.00, 0.76
HSL	8°, 100%, 12%
HSV	8°, 100%, 24%
XYZ	2.0113, 1.1658, 0.1190
YIQ	22.9350, 34.1560, 8.7480

Conversions

Conversions Part 2

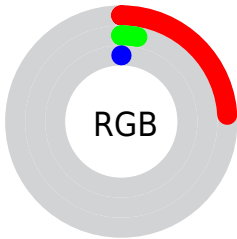
Format	Color
RYB	61, 9, 0
Decimal	3999744
CIELab	10.30, 24.93, 16.06
CIELCh	10, 29.652, 32.795
Yxy	1.1658, 0.6102, 0.3537
Android (android.graphics.Color)	4282189824 (0xFF3D0800)
YUV	22.9350, -11.3070, 33.3830
Hunter-Lab	10.7971, 14.3565, 6.9044

Details

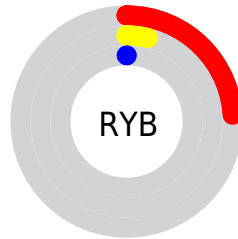
The Decimal color **3999744** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **13629**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **7353904**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **3999744**, and if you desaturate by 10%, it is **4001030**.

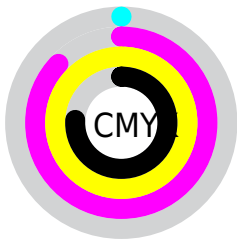
Distribution



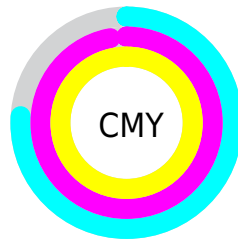
- Red (24%)
- Green (3%)
- Blue (0%)



- Red (24%)
- Yellow (4%)
- Blue (0%)



- Cyan (0%)
- Magenta (87%)
- Yellow (100%)
- Black (76%)



- Cyan (76%)
- Magenta (97%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3999744 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 3999744 by changing the saturation by 10% instead.

 3999744

 3999744

 16772834

 2555905

 7353904

 0

 9195078

 10970974

 12877942

 14719632

 16692651

 16765382

 3999744

■ 4001030

■ 4002572

■ 4003858

■ 4005144

■ 4006687

■ 4007973

■ 4009259

■ 4010545

■ 4012087

Harmonies

Analogous

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



4064027



3999744



3281920

Triad

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



3999744



9219



7749

Complementary

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



3999744



13629

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.



9024



3999744



9757

Square

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



3999744



925952



9521



1906238

Rectangle

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



3999744



2628096



9521



8260

Sweetspot

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



3999744



5192247



3997750



2694170



11053224



2697513

Same Dimension

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



3999744



5179904



4007424



2038812



6163456



14556416

Inverse Universe

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



13629



17743



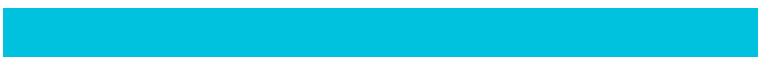
5949



1842719



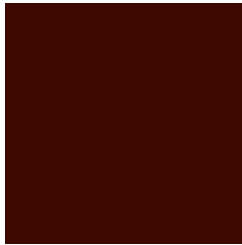
21086



49630

Previews

White Background



This preview shows how the Decimal color 3999744 looks on a white background.

Color Contrast Check

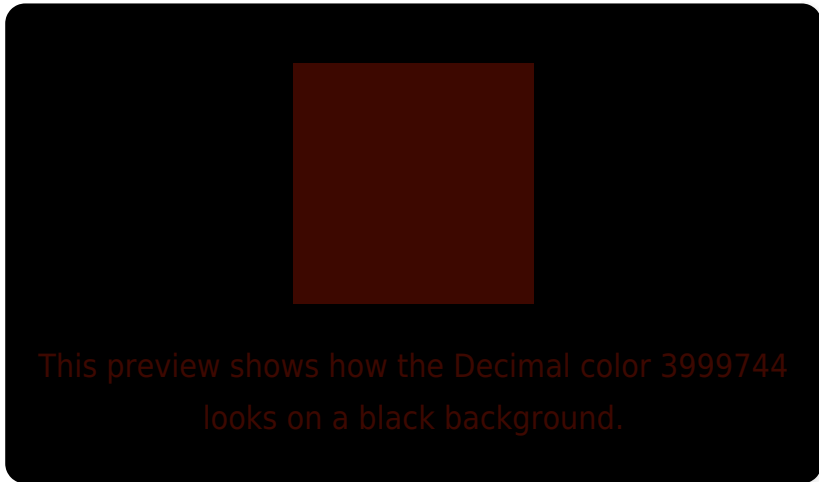
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

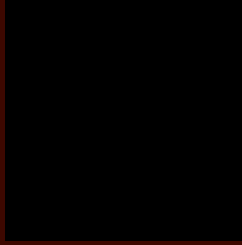
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 3999744 Background



This preview shows how black text looks on a background with the Decimal color 3999744.

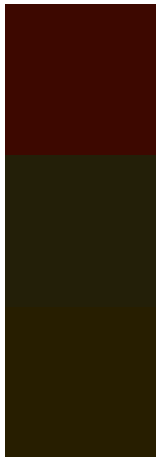


This preview shows how white text looks on a background with the Decimal color 3999744.

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



Original Color
3999744

Protanopia
2301704

Deuteranopia
2563584



Tritanopia
3999750

Trichromacy



Original Color

3999744

Protanomaly

2889477

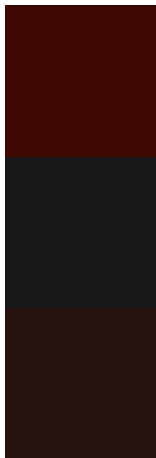
Deuteranomaly

3085824

Tritanomaly

3999748

Monochromacy



Original Color

3999744

Achromatopsia

1513239

Achromatomaly

2429455

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3999744 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 #3D0800 looks like.

```
.text, #text, p{  
    color:#3D0800  
}
```

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 #3D0800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0800
}
```

Border

The CSS property to change the border of an element to Decimal 3999744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

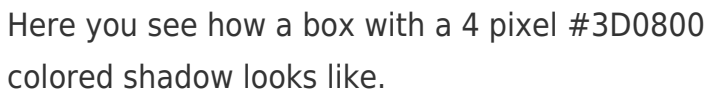
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D0800 }
```

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

```
.border{ border-color:#3D0800 }
```

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



Here you see how a box with a 4 pixel #3D0800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0800; -webkit-box-shadow:4px 4px  
4px 4px #3D0800; box-shadow:4px 4px 4px  
4px #3D0800 }
```

Background

The CSS property to change the background color of an element to Decimal 3999744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0800 }
```

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

```
.background{ background-color:#3D0800 }
```

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