

Converting Colors

Decimal(7734)

Have a look what the booklet for
Decimal(7734) contains.

Decimal(7734)	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(7734)

Conversions

Conversions Part 1

Format	Color
Hex	001E36
RGB	0, 30, 54
RGB Percent	0%, 12%, 21%
CMY	1.0000, 0.8824, 0.7882
CMYK	1.00, 0.44, 0.00, 0.79
HSL	207°, 100%, 11%
HSV	207°, 100%, 21%
XYZ	1.1301, 1.1949, 3.6611
YIQ	23.7660, -25.5840, 1.1040

Conversions

Conversions Part 2

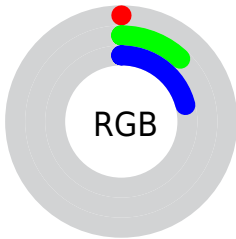
Format	Color
RYB	0, 19, 54
Decimal	7734
CIELab	10.52, -0.19, -18.83
CIELCh	11, 18.830, 269.430
Yxy	1.1949, 0.1888, 0.1996
Android (android.graphics.Color)	4278197814 (0xFF001E36)
YUV	23.7660, 14.9054, -20.8428
Hunter-Lab	10.9311, -0.6749, -12.2060

Details

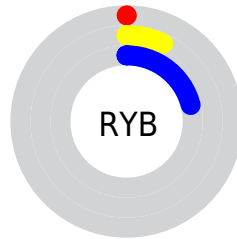
The Decimal color **7734** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **3545088**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **3361125**, and **6** is the 20% darker color. If you saturate the color by 10%, you get **7734**, and if you desaturate by 10%, it is **335926**.

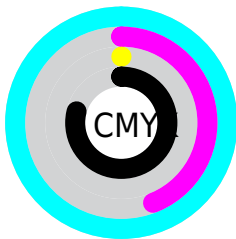
Distribution



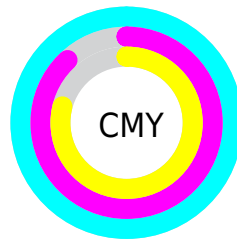
- Red (0%)
- Green (12%)
- Blue (21%)



- Red (0%)
- Yellow (7%)
- Blue (21%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7734 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 7734 by changing the saturation by 10% instead.

■ 7734

■ 7734

■ 15532031

■ 1057

■ 3361125

■ 6

■ 4940158

■ 0

■ 6584984

■ 8295347

■ 10071758

■ 11848171

■ 13690367

■ 7734

■ 335926

■ 729910

■ 1058102

■ 1452086

■ 1780278

■ 2108470

■ 2502454

■ 2830646

■ 3224630

Harmonies

Analogous

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



8498



7734



1841459

Triad

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



7734



3346960



401934

Complementary

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



7734



3545088

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.



1646336



7734



3020544

Square

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



7734



3346717



2432000



8988

Rectangle

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



7734



2627117



2432000



860424

Sweetspot

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



7734



3292743



13847



1515044



10724259



2368548

Same Dimension

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



7734



10311



1078



1645340



13148



31451

Inverse Universe

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



3538974



4653096



3551744



1841435



6029363



14352506

Previews

White Background



This preview shows how the Decimal color 7734 looks on a white background.

Color Contrast Check

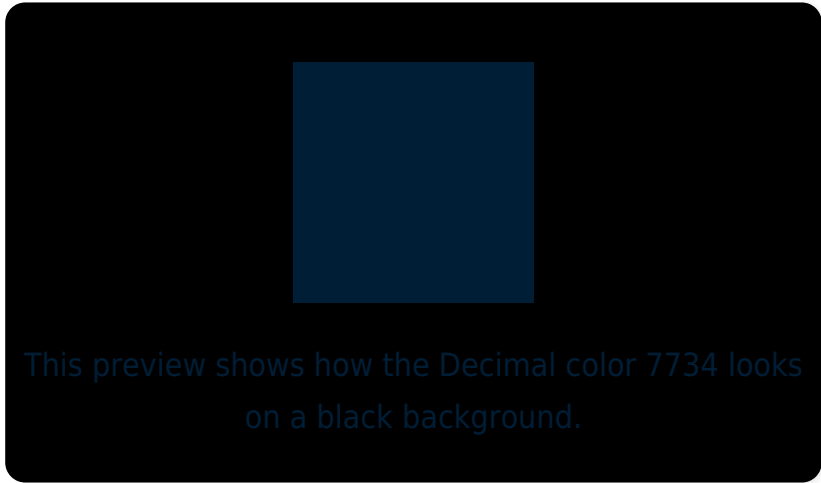
Large Text (above 18pt) WCAG AA ✓ Pass

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

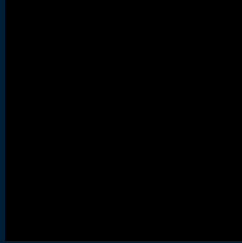
Any Text WCAG AA × Fail

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 7734 Background



This preview shows how black text looks on a background with the Decimal color 7734.



This preview shows how white text looks on a background with the Decimal color 7734.

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

7734

Protanopia

1187125

Deuteranopia

7733

Trichromacy



Original Color
7734

Protanomaly
728373

Deuteranomaly
7733

Tritanomaly
8234

Monochromacy



Original Color
7734

Achromatopsia
1579032

Achromatomaly
989731

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7734 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 #001E36 looks like.

```
.text, #text, p{  
    color:#001E36  
}
```

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 #001E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E36
}
```

Border

The CSS property to change the border of an element to Decimal 7734 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
#001E36 }
```

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

```
.border{ border-color:#001E36 }
```

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

Here you see how a box with a 4 pixel #001E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E36; -webkit-box-shadow:4px 4px  
4px 4px #001E36; box-shadow:4px 4px 4px  
4px #001E36 }
```

Background

The CSS property to change the background color of an element to Decimal 7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E36 }
```

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

```
.background{ background-color:#001E36 }
```

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