

Converting Colors

Decimal(7765)

Have a look what the booklet for
Decimal(7765) contains.

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Color

Decimal(7765)

Conversions

Conversions Part 1

Format	Color
Hex	001E55
RGB	0, 30, 85
RGB Percent	0%, 12%, 33%
CMY	1.0000, 0.8824, 0.6667
CMYK	1.00, 0.65, 0.00, 0.67
HSL	219°, 100%, 17%
HSV	219°, 100%, 33%
XYZ	2.1040, 1.5844, 8.7893
YIQ	27.3000, -35.5350, 10.7450

Conversions

Conversions Part 2

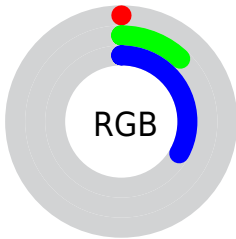
Format	Color
RYB	0, 22, 85
Decimal	7765
CIELab	13.14, 14.81, -36.20
CIELCh	13, 39.115, 292.246
Yxy	1.5844, 0.1686, 0.1270
Android (android.graphics.Color)	4278197845 (0xFF001E55)
YUV	27.3000, 28.4461, -23.9421
Hunter-Lab	12.5874, 7.8081, -32.5886

Details

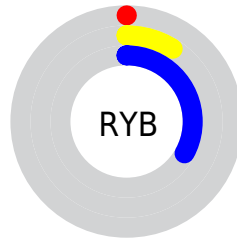
The Decimal color **7765** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5584640**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **4147591**, and **807** is the 20% darker color. If you saturate the color by 10%, you get **7765**, and if you desaturate by 10%, it is **533589**.

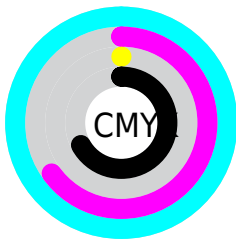
Distribution



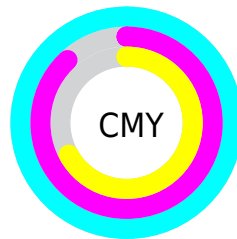
- Red (0%)
- Green (12%)
- Blue (33%)



- Red (0%)
- Yellow (9%)
- Blue (33%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7765 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 7765 by changing the saturation by 10% instead.

■ 7765 ■ 7765

16777215 ■ 1597

■ 4147591 ■ 807

■ 5857698 ■ 272

■ 7633341 ■ 0

■ 9409497

■ 11185910

■ 13027839

■ 14935551

■ 7765

■ 533589

■ 1124693

■ 1650517

■ 2241621

■ 2767445

■ 3358549

■ 3884373

■ 4475477

■ 5001045

Harmonies

Analogous

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



10329



7765



3804228

Triad

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



7765



4460544



11546

Complementary

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



7765



5584640

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.



10752



7765



3218944

Square

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



7765



5177358



1582592



11574

Rectangle

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



7765



4784179



1582592



11279

Sweetspot

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



7765



5068910



21814



2370360



12105912



3684408

Same Dimension

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



7765



10094



720981



2566443



9835



21483

Inverse Universe

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



5570590



7208999



4871424



2828073



7012390



15401043

Previews

White Background



This preview shows how the Decimal color 7765 looks on a white background.

Color Contrast Check

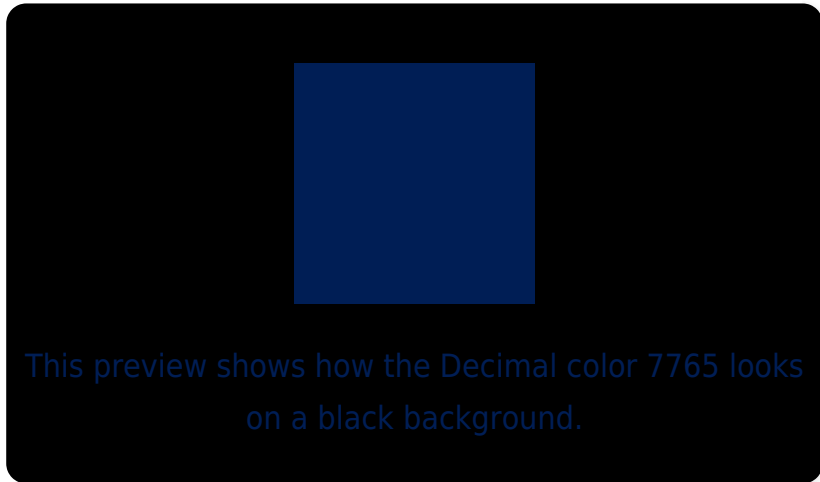
Large Text (above 18pt) WCAG AA ✓ Pass

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

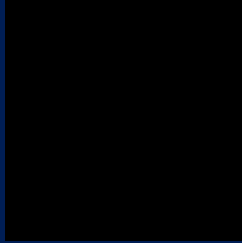
Any Text WCAG AA × Fail

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 7765 Background



This preview shows how black text looks on a background with the Decimal color 7765.



This preview shows how white text looks on a background with the Decimal color 7765.

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
7765

Protanopia
8776

Deuteranopia
9277

Trichromacy



Original Color

7765

Protanomaly

8525

Deuteranomaly

8774

Tritanomaly

9273

Monochromacy



Original Color

7765

Achromatopsia

1776411

Achromatomaly

1121328

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7765 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 #001E55 looks like.

```
.text, #text, p{  
    color:#001E55  
}
```

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 #001E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001E55
}
```

Border

The CSS property to change the border of an element to Decimal 7765 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
#001E55 }
```

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

```
.border{ border-color:#001E55 }
```

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

Here you see how a box with a 4 pixel #001E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001E55; -webkit-box-shadow:4px 4px  
4px 4px #001E55; box-shadow:4px 4px 4px  
4px #001E55 }
```

Background

The CSS property to change the background color of an element to Decimal 7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001E55 }
```

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

```
.background{ background-color:#001E55 }
```

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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