

Converting Colors

Decimal(15996)

Have a look what the booklet for
Decimal(15996) contains.

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Color

Decimal(15996)

Conversions

Conversions Part 1

Format	Color
Hex	003E7C
RGB	0, 62, 124
RGB Percent	0%, 24%, 49%
CMY	1.0000, 0.7569, 0.5137
CMYK	1.00, 0.50, 0.00, 0.51
HSL	210°, 100%, 24%
HSV	210°, 100%, 49%
XYZ	5.3607, 4.9005, 19.7321
YIQ	50.5300, -56.8540, 6.1380

Conversions

Conversions Part 2

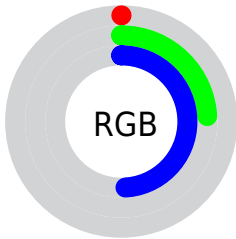
Format	Color
R _Y B	0, 41, 124
Decimal	15996
CIE Lab	26.45, 8.78, -39.99
CIE LCh	26, 40.943, 282.379
Yxy	4.9005, 0.1787, 0.1634
Android (android.graphics.Color)	4278206076 (0xFF003E7C)
YUV	50.5300, 36.2207, -44.3148
Hunter-Lab	22.1370, 4.4858, -37.3530

Details

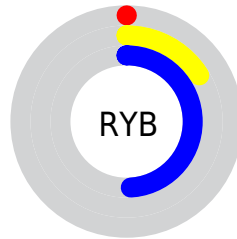
The Decimal color **15996** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8142336**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4943281**, and **5450** is the 20% darker color. If you saturate the color by 10%, you get **15996**, and if you desaturate by 10%, it is **803964**.

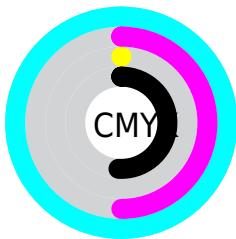
Distribution



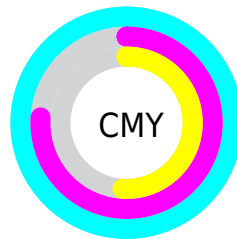
- Red (0%)
- Green (24%)
- Blue (49%)



- Red (0%)
- Yellow (16%)
- Blue (49%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15996 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 15996 by changing the saturation by 10% instead.

■ 15996 ■ 15996

16777215 ■ 10595

■ 4943281 ■ 5450

■ 6784717 ■ 1075

■ 8626409 ■ 541

■ 10468351 ■ 0

■ 12376063

■ 14283775

■ 16187391

■ 15996

■ 803964

■ 1657468

■ 2445692

■ 3299196

■ 4087164

■ 4875132

■ 5728636

■ 6516860

■ 7370364

Harmonies

Analogous

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



18298



15996



5255277

Triad

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



15996



7219221



19242

Complementary

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



15996



8142336

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.



1853450



15996



6043136

Square

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



15996



7740467



4276480



19787

Rectangle

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



15996



6628700



4276480



19232

Sweetspot

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



15996



7375265



31806



3425106



13750737



5395026

Same Dimension

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



15996



20641



124



3619389



15997



32508

Inverse Universe

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



8126526



10551376



8158208



4011834



8192062



16515198

Previews

White Background



This preview shows how the Decimal color 15996 looks on a white background.

Color Contrast Check

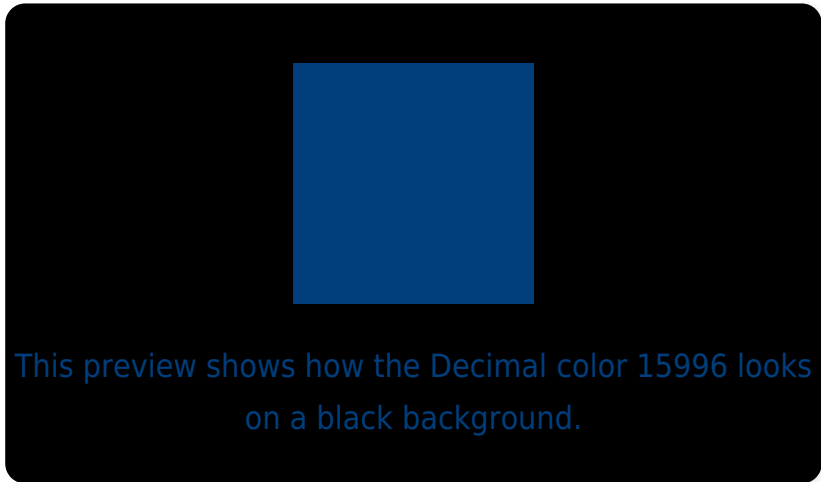
Large Text (above 18pt) WCAG AA ✓ Pass

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

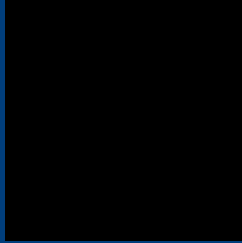
Any Text WCAG AA × Fail

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 15996 Background



This preview shows how black text looks on a background with the Decimal color 15996.



This preview shows how white text looks on a background with the Decimal color 15996.

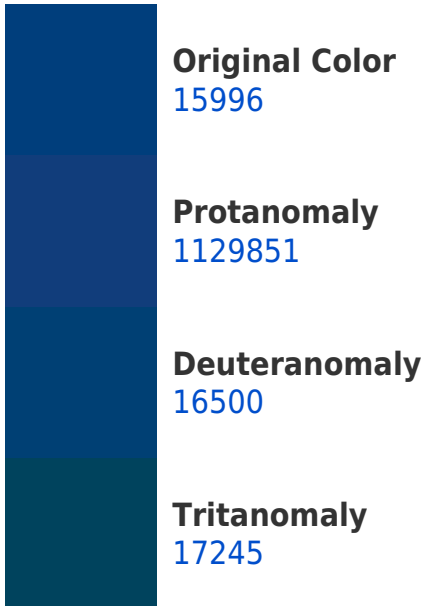
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15996 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 #003E7C looks like.

```
.text, #text, p{  
    color:#003E7C  
}
```

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 #003E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E7C
}
```

Border

The CSS property to change the border of an element to Decimal 15996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

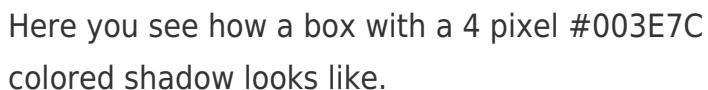
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003E7C }
```

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

```
.border{ border-color:#003E7C }
```

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



Here you see how a box with a 4 pixel #003E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E7C; -webkit-box-shadow:4px 4px  
4px 4px #003E7C; box-shadow:4px 4px 4px  
4px #003E7C }
```

Background

The CSS property to change the background color of an element to Decimal 15996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E7C }
```

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

```
.background{ background-color:#003E7C }
```

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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