

Converting Colors

Decimal(11877)

Have a look what the booklet for
Decimal(11877) contains.

Decimal(11877)	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(11877)

Conversions

Conversions Part 1

Format	Color
Hex	002E65
RGB	0, 46, 101
RGB Percent	0%, 18%, 40%
CMY	1.0000, 0.8196, 0.6039
CMYK	1.00, 0.54, 0.00, 0.60
HSL	213°, 100%, 20%
HSV	213°, 100%, 40%
XYZ	3.3260, 2.8936, 12.6951
YIQ	38.5160, -45.0710, 7.3530

Conversions

Conversions Part 2

Format	Color
RYB	0, 32, 101
Decimal	11877
CIELab	19.61, 10.04, -36.31
CIELCh	20, 37.668, 285.458
Yxy	2.8936, 0.1758, 0.1530
Android (android.graphics.Color)	4278201957 (0xFF002E65)
YUV	38.5160, 30.8046, -33.7785
Hunter-Lab	17.0105, 5.1326, -32.3414

Details

The Decimal color **11877** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6633216**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4479897**, and **54** is the 20% darker color. If you saturate the color by 10%, you get **11877**, and if you desaturate by 10%, it is **668517**.

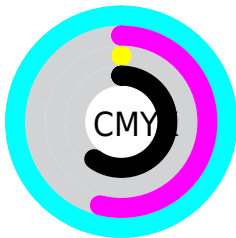
Distribution



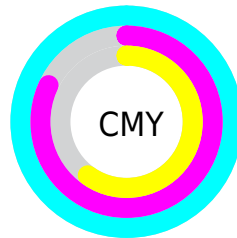
- Red (0%)
- Green (18%)
- Blue (40%)



- Red (0%)
- Yellow (13%)
- Blue (40%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (60%)

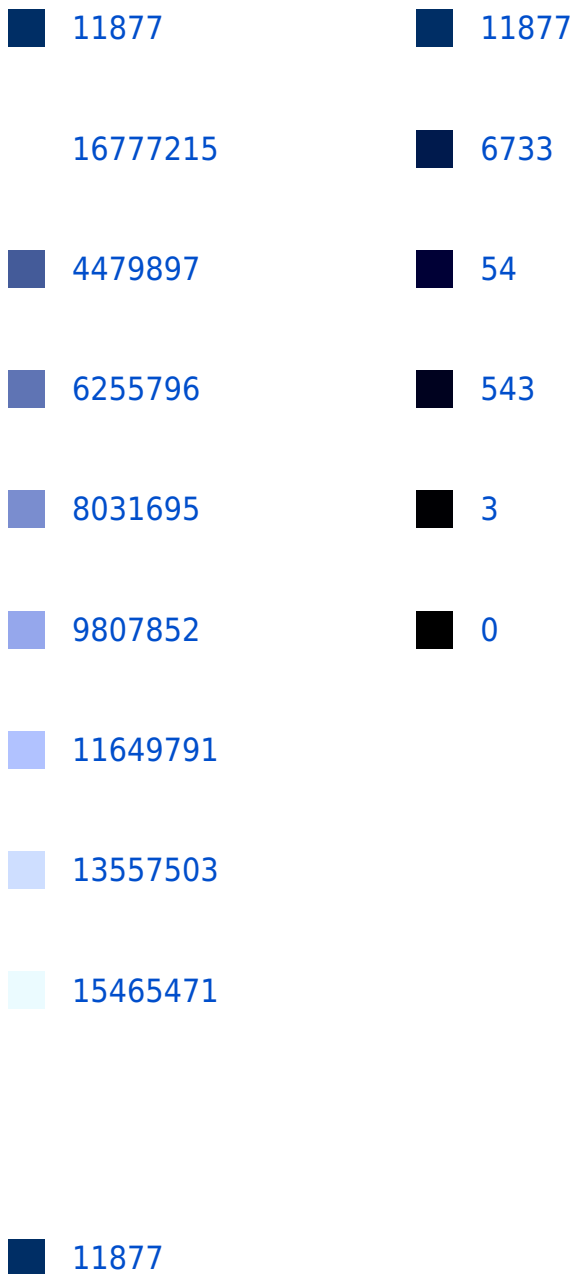


- Cyan (100%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11877 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 11877 by changing the saturation by 10% instead.



■ 668517

■ 1325413

■ 1982053

■ 2638949

■ 3361125

■ 4018021

■ 4674917

■ 5331557

■ 5988453

Harmonies

Analogous

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



14181



11877



4333910

Triad

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



11877



5774342



15137

Complementary

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



11877



6633216

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.



669697



11877



4663552

Square

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



11877



6229795



3093248



15421

Rectangle

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



11877



5510727



3093248



14871

Sweetspot

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



11877



5991810



25910



2766146



12763842



4342338

Same Dimension

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



11877



15234



196709



3026995



13427



28402

Inverse Universe

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



6619182



8519739



6448384



3354160



7536692



15859822

Previews

White Background



This preview shows how the Decimal color 11877 looks on a white background.

Color Contrast Check

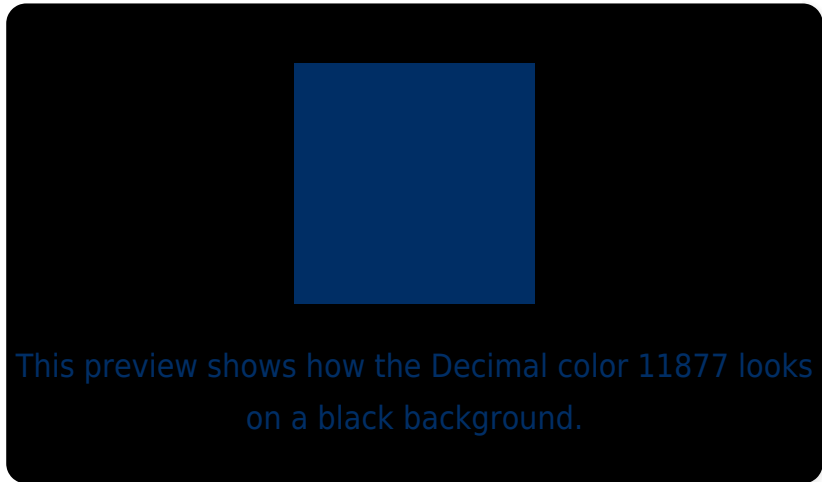
Large Text (above 18pt) WCAG AA ✓ Pass

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 11877 Background



This preview shows how black text looks on a background with the Decimal color 11877.



This preview shows how white text looks on a background with the Decimal color 11877.

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
11877

Protanopia
12131

Deuteranopia
12885



Tritanopia
13881

Trichromacy



Original Color

11877

Protanomaly

12132

Deuteranomaly

12635

Tritanomaly

13129

Monochromacy



Original Color

11877

Achromatopsia

2565927

Achromatomaly

1649214

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11877 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 #002E65 looks like.

```
.text, #text, p{  
    color:#002E65  
}
```

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 #002E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002E65
}
```

Border

The CSS property to change the border of an element to Decimal 11877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

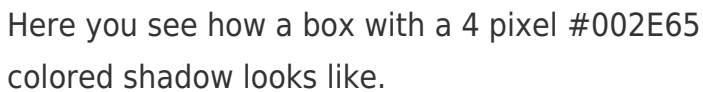
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002E65 }
```

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

```
.border{ border-color:#002E65 }
```

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



Here you see how a box with a 4 pixel #002E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002E65; -webkit-box-shadow:4px 4px  
4px 4px #002E65; box-shadow:4px 4px 4px  
4px #002E65 }
```

Background

The CSS property to change the background color of an element to Decimal 11877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002E65 }
```

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

```
.background{ background-color:#002E65 }
```

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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