

Converting Colors

Decimal(13166)

Have a look what the booklet for
Decimal(13166) contains.

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Color

Decimal(13166)

Conversions

Conversions Part 1

Format	Color
Hex	00336E
RGB	0, 51, 110
RGB Percent	0%, 20%, 43%
CMY	1.0000, 0.8000, 0.5686
CMYK	1.00, 0.54, 0.00, 0.57
HSL	212°, 100%, 22%
HSV	212°, 100%, 43%
XYZ	3.9983, 3.4934, 15.2154
YIQ	42.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

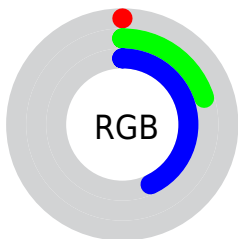
Format	Color
RYB	0, 35, 110
Decimal	13166
CIELab	21.92, 10.44, -38.41
CIELCh	22, 39.800, 285.210
Yxy	3.4934, 0.1761, 0.1538
Android (android.graphics.Color)	4278203246 (0xFF00336E)
YUV	42.4770, 33.2888, -37.2523
Hunter-Lab	18.6908, 5.4757, -35.1822

Details

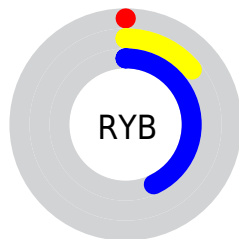
The Decimal color **13166** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7224064**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4678050**, and **1342** is the 20% darker color. If you saturate the color by 10%, you get **13166**, and if you desaturate by 10%, it is **735598**.

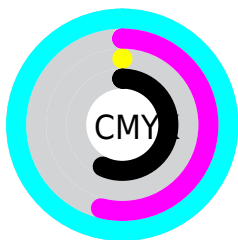
Distribution



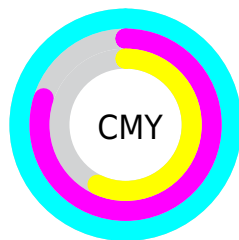
- Red (0%)
- Green (20%)
- Blue (43%)



- Red (0%)
- Yellow (14%)
- Blue (43%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (80%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13166 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 13166 by changing the saturation by 10% instead.

■ 13166 ■ 13166

16777215 ■ 7765

■ 4678050 ■ 1342

■ 6453693 ■ 807

■ 8295385 ■ 272

■ 10071542 ■ 0

■ 11979263

■ 13821439

■ 15728639

■ 13166

■ 735598

■ 1458030

■ 2180462

■ 2902894

■ 3625326

■ 4347502

■ 5069934

■ 5792366

■ 6514798

Harmonies

Analogous

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



15470



13166



4728158

Triad

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



13166



6299658



16676

Complementary

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



13166



7224064

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.



802308



13166



5123584

Square

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



13166



6820391



3422208



16707

Rectangle

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



13166



5970510



3422208



16410

Sweetspot

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



13166



6584463



28219



3029575



13092807



4671303

Same Dimension

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



13166



17039



262254



3290424



14456



29687

Inverse Universe

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



7209011



9371714



6974976



3682869



7864376



16187507

Previews

White Background



This preview shows how the Decimal color 13166 looks on a white background.

Color Contrast Check

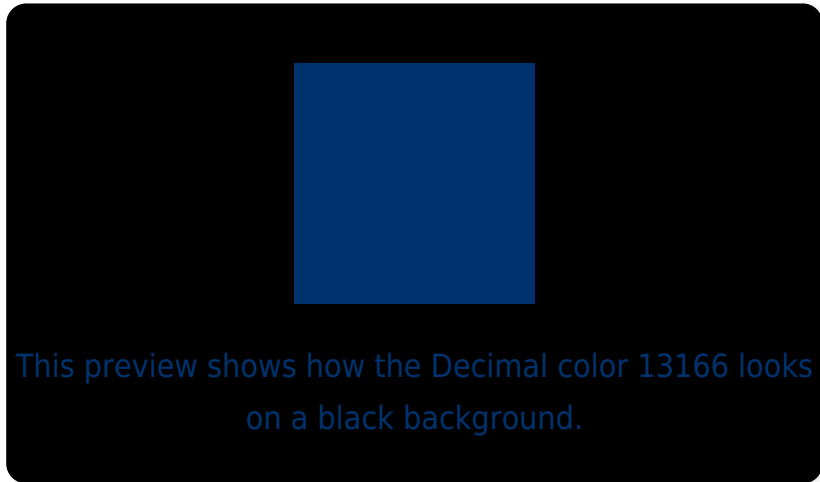
Large Text (above 18pt) WCAG AA ✓ Pass

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

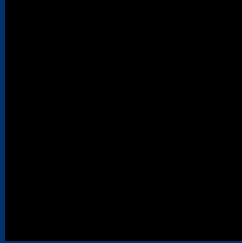
Any Text WCAG AA × Fail

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 13166 Background



This preview shows how black text looks on a background with the Decimal color 13166.



This preview shows how white text looks on a background with the Decimal color 13166.

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
13166

Protanopia
13165

Deuteranopia
14174

Trichromacy



Original Color

13166

Protanomaly

13165

Deuteranomaly

13924

Monochromacy



Original Color

13166

Achromatopsia

2763306

Achromatomaly

1781059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13166 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 #00336E looks like.

```
.text, #text, p{  
    color:#00336E  
}
```

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 #00336E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00336E
}
```

Border

The CSS property to change the border of an element to Decimal 13166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

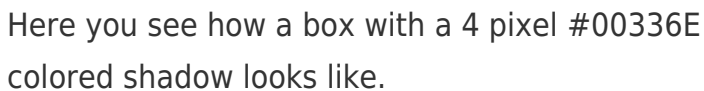
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00336E }
```

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

```
.border{ border-color:#00336E }
```

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



Here you see how a box with a 4 pixel #00336E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00336E; -webkit-box-shadow:4px 4px  
4px 4px #00336E; box-shadow:4px 4px 4px  
4px #00336E }
```

Background

The CSS property to change the background color of an element to Decimal 13166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00336E }
```

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

```
.background{ background-color:#00336E }
```

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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