

Converting Colors

Decimal(16517)

Have a look what the booklet for
Decimal(16517) contains.

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Color

Decimal(16517)

Conversions

Conversions Part 1

Format	Color
Hex	004085
RGB	0, 64, 133
RGB Percent	0%, 25%, 52%
CMY	1.0000, 0.7490, 0.4784
CMYK	1.00, 0.52, 0.00, 0.48
HSL	211°, 100%, 26%
HSV	211°, 100%, 52%
XYZ	6.0670, 5.3602, 22.9052
YIQ	52.7300, -60.2930, 7.8910

Conversions

Conversions Part 2

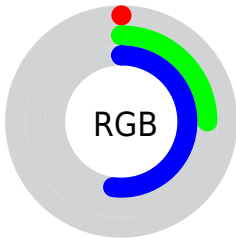
Format	Color
RYB	0, 43, 133
Decimal	16517
CIELab	27.74, 11.30, -43.54
CIElCh	28, 44.981, 284.552
Yxy	5.3602, 0.1767, 0.1561
Android (android.graphics.Color)	4278206597 (0xFF004085)
YUV	52.7300, 39.5731, -46.2442
Hunter-Lab	23.1522, 6.2595, -42.4508

Details

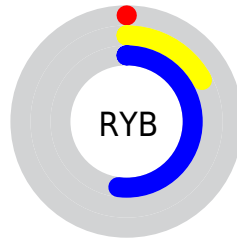
The Decimal color **16517** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8733952**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5140411**, and **5971** is the 20% darker color. If you saturate the color by 10%, you get **16517**, and if you desaturate by 10%, it is **870277**.

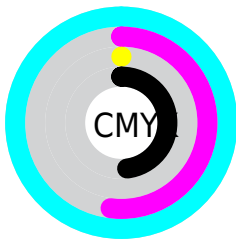
Distribution



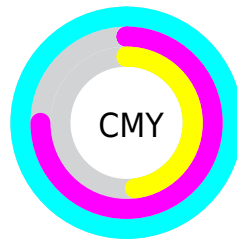
- Red (0%)
- Green (25%)
- Blue (52%)



- Red (0%)
- Yellow (17%)
- Blue (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (48%)




















- Cyan (100%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16517 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 16517 by changing the saturation by 10% instead.

 16517	 16517
 16777215	 11115
 5140411	 5971
 7047383	 1083
 8889075	 548
 10731007	 12
 12638719	 0
 14546431	
 16515071	
 16517	

■ 870277

■ 1789573

■ 2643333

■ 3497093

■ 4416133

■ 5269893

■ 6123653

■ 6977413

■ 7896709

Harmonies

Analogous

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



19332



16517



5714035

Triad

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



16517



7678225



20526

Complementary

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



16517



8733952

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.



1395720



16517



6240512

Square

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



16517



8263986



4277504



20818

Rectangle

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



16517



7218016



4277504



20258

Sweetspot

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



16517



7967405



34117



3622743



14079702



5723991

Same Dimension

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



16517



21421



131205



3948354



16258



259

Inverse Universe

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



8716352



11337811



8619264



4340799



8519743



196609

Previews

White Background



This preview shows how the Decimal color 16517 looks on a white background.

Color Contrast Check

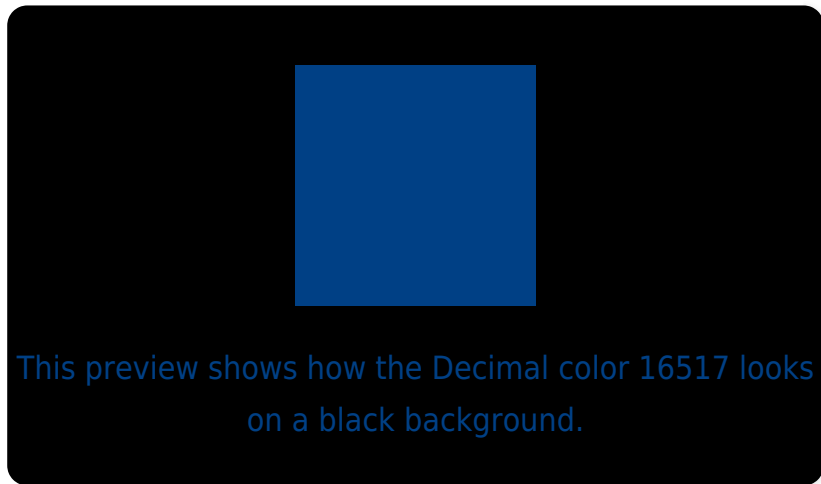
Large Text (above 18pt) WCAG AA ✓ Pass

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 16517 Background



This preview shows how black text looks on a background with the Decimal color 16517.



This preview shows how white text looks on a background with the Decimal color 16517.

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



Original Color
16517

Protanomaly
737413

Deuteranomaly
17275

Tritanomaly
18018

Monochromacy



Original Color
16517

Achromatopsia
3487029

Achromatomaly
2242898

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16517 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 #004085 looks like.

```
.text, #text, p{  
    color:#004085  
}
```

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 #004085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004085
}
```

Border

The CSS property to change the border of an element to Decimal 16517 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
#004085 }
```

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

```
.border{ border-color:#004085 }
```

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

Here you see how a box with a 4 pixel #004085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004085; -webkit-box-shadow:4px 4px  
4px 4px #004085; box-shadow:4px 4px 4px  
4px #004085 }
```

Background

The CSS property to change the background color of an element to Decimal 16517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004085 }
```

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

```
.background{ background-color:#004085 }
```

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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