

# Converting Colors

Decimal(16500)

Have a look what the booklet for  
Decimal(16500) contains.

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# Color

**Decimal(16500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004074
RGB	0, 64, 116
RGB Percent	0%, 25%, 45%
CMY	1.0000, 0.7490, 0.5451
CMYK	1.00, 0.45, 0.00, 0.55
HSL	207°, 100%, 23%
HSV	207°, 100%, 45%
XYZ	4.9858, 4.9277, 17.2114
YIQ	50.7920, -54.8360, 2.6040

# Conversions

## Conversions Part 2

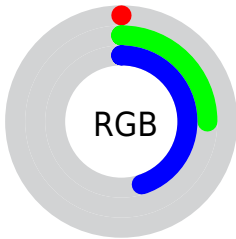
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 41, 116
Decimal	16500
CIE Lab	26.53, 3.86, -34.81
CIE LCh	27, 35.028, 276.326
Yxy	4.9277, 0.1838, 0.1817
Android (android.graphics.Color)	4278206580 (0xFF004074)
YUV	50.7920, 32.1475, -44.5446
Hunter-Lab	22.1985, 1.2436, -30.4308

# Details

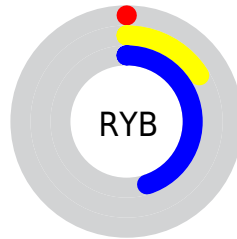
The Decimal color **16500** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7615488**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4812712**, and **5699** is the 20% darker color. If you saturate the color by 10%, you get **16500**, and if you desaturate by 10%, it is **804212**.

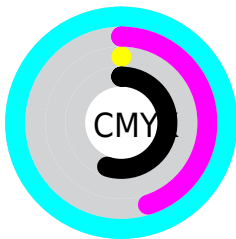
# Distribution



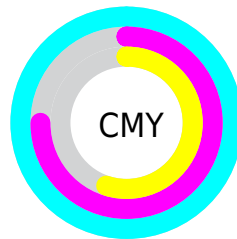
- Red (0%)
- Green (25%)
- Blue (45%)



- Red (0%)
- Yellow (16%)
- Blue (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (55%)



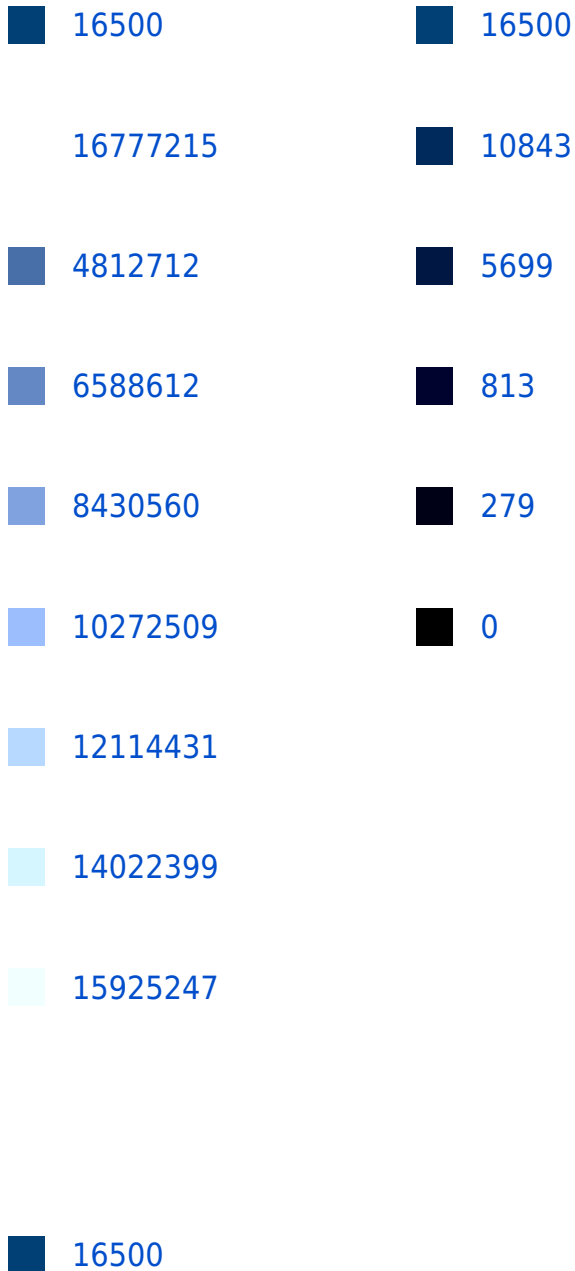
- Cyan (100%)
- Magenta (75%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16500 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 16500 by changing the saturation by 10% instead.





■ 804212

■ 1526388

■ 2314356

■ 3036532

■ 3824244

■ 4611956

■ 5334132

■ 6122100

■ 6844276

# Harmonies

## Analogous

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



18287



16500



4666730

# Triad

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



16500



7023137



18984

# Complementary

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



16500



7615488

# 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.



2835983



16500



6108427

# Square

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



16500



7218234



4669186



19268

# Rectangle

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



16500



6040925



4669186



870687



# Sweetspot

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



16500



6914710



29746



3227725



13421772



5066061



# Same Dimension

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



16500



21398



2164



3487803



17530



35578



# Inverse Universe

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



7602240



9830483



7629824



3880248



7995460



16384138



# Previews

## White Background



This preview shows how the Decimal color 16500 looks on a white background.

## Color Contrast Check

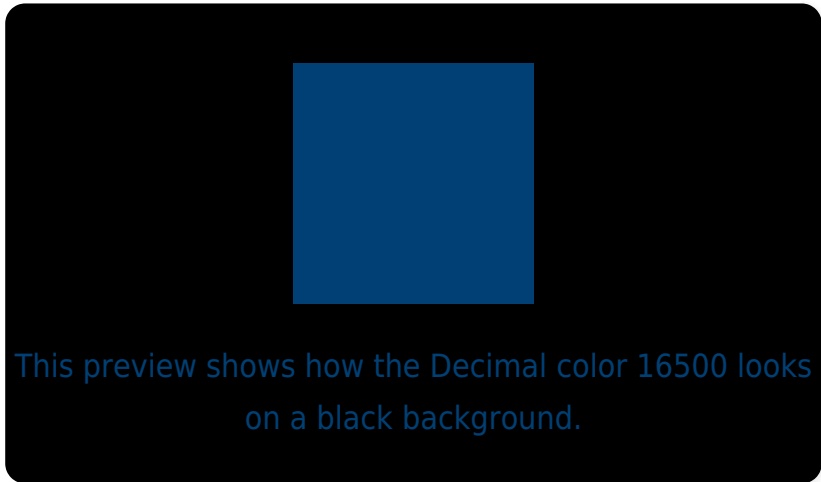
Large Text (above 18pt) WCAG AA ✓ Pass

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

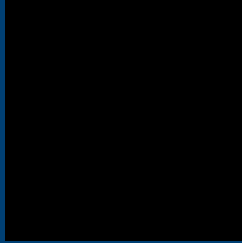
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16500 Background



This preview shows how black text looks on a background with the Decimal color 16500.



This preview shows how white text looks on a background with the Decimal color 16500.

# 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





**Tritanopia**  
17995

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16500 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 #004074 looks like.

```
.text, #text, p{  
    color:#004074  
}
```

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 #004074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004074
}
```

## Border

The CSS property to change the border of an element to Decimal 16500 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
#004074 }
```

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

```
.border{ border-color:#004074 }
```

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

Here you see how a box with a 4 pixel #004074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004074; -webkit-box-shadow:4px 4px  
4px 4px #004074; box-shadow:4px 4px 4px  
4px #004074 }
```

# Background

The CSS property to change the background color of an element to Decimal 16500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004074 }
```

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

```
.background{ background-color:#004074 }
```

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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