

# Converting Colors

Decimal(16462)

Have a look what the booklet for  
Decimal(16462) contains.

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# Color

**Decimal(16462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00404E
RGB	0, 64, 78
RGB Percent	0%, 25%, 31%
CMY	1.0000, 0.7490, 0.6941
CMYK	1.00, 0.18, 0.00, 0.69
HSL	191°, 100%, 15%
HSV	191°, 100%, 31%
XYZ	3.2085, 4.2169, 7.8526
YIQ	46.4600, -42.6380, -9.2140

# Conversions

## Conversions Part 2

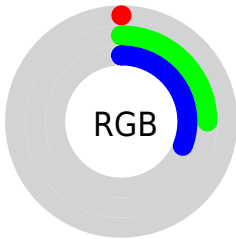
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 35, 78
Decimal	16462
CIELab	24.38, -12.44, -13.64
CIELCh	24, 18.457, 227.628
Yxy	4.2169, 0.2100, 0.2760
Android (android.graphics.Color)	4278206542 (0xFF00404E)
YUV	46.4600, 15.5492, -40.7454
Hunter-Lab	20.5350, -8.0460, -8.2980

# Details

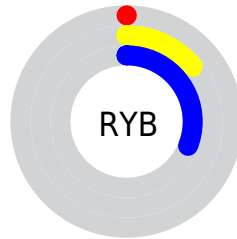
The Decimal color **16462** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5115392**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **4092031**, and **5666** is the 20% darker color. If you saturate the color by 10%, you get **16462**, and if you desaturate by 10%, it is **541006**.

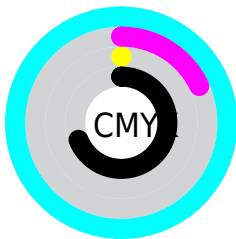
# Distribution



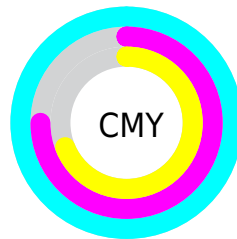
- Red (0%)
- Green (25%)
- Blue (31%)



- Red (0%)
- Yellow (14%)
- Blue (31%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (75%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16462 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 16462 by changing the saturation by 10% instead.



■ 16462                      ■ 16462

16711679                      ■ 10807

■ 4092031                      ■ 5666

■ 5802393                      ■ 10

■ 7513268                      ■ 0

■ 9289679

■ 11066348

■ 12908543

■ 14745599

■ 16462

■ 541006

■ 1065806

■ 1524814

■ 2049614

■ 2574158

■ 3098702

■ 3623502

■ 4082510

■ 4607310

# Harmonies

## Analogous

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



147778



16462



1785173

# Triad

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



16462



5320768



3882015

# Complementary

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



16462



5115392

# 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.



4732703



16462



5582642

# Square

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



16462



4600653



5321254



2834215

# Rectangle

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



16462



2832981



5321254



4143646



# Sweetspot

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



16462



4677990



19981



2175027



11776947



3355443



# Same Dimension

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



16462



21606



6734



2237990



48358

# Inverse Universe

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



5111872



6684756



5125120



2499110



15073468

# Previews

## White Background



This preview shows how the Decimal color 16462 looks on a white background.

### Color Contrast Check

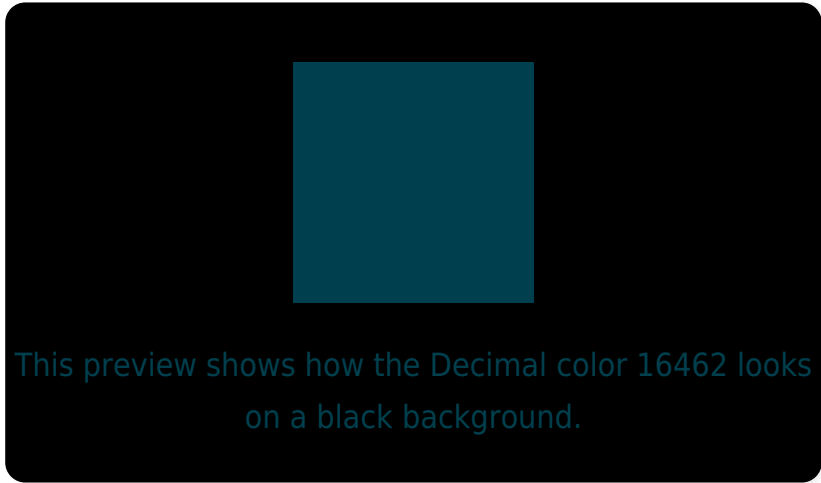
Large Text (above 18pt) WCAG AA ✓ Pass

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

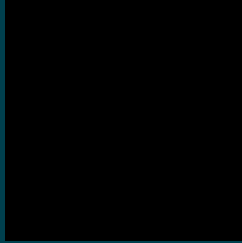
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

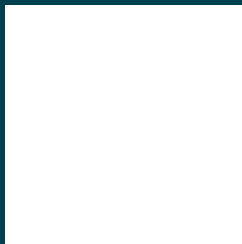
Any Text WCAG AAA × Fail

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

## Decimal 16462 Background



This preview shows how black text looks on a background with the Decimal color 16462.



This preview shows how white text looks on a background with the Decimal color 16462.

# 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**  
16462

**Protanopia**  
361941

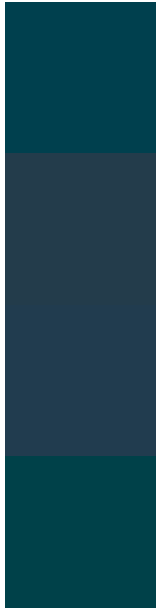
**Deuteranopia**  
342279





**Tritanopia**  
16710

# Trichromacy



**Original Color**  
16462

**Protanomaly**  
2309195

**Deuteranomaly**  
2178127

**Tritanomaly**  
16713

# Monochromacy



**Original Color**  
16462

**Achromatopsia**  
3026478

**Achromatomaly**  
1914170

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16462 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 #00404E looks like.

```
.text, #text, p{  
    color:#00404E  
}
```

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 #00404E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00404E
}
```

## Border

The CSS property to change the border of an element to Decimal 16462 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
#00404E }
```

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

```
.border{ border-color:#00404E }
```

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

Here you see how a box with a 4 pixel #00404E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00404E; -webkit-box-shadow:4px 4px  
4px 4px #00404E; box-shadow:4px 4px 4px  
4px #00404E }
```

# Background

The CSS property to change the background color of an element to Decimal 16462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00404E }
```

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

```
.background{ background-color:#00404E }
```

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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