

# Converting Colors

Decimal(667740)

Have a look what the booklet for  
Decimal(667740) contains.

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# Color

**Decimal(667740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A305C
RGB	10, 48, 92
RGB Percent	4%, 19%, 36%
CMY	0.9608, 0.8118, 0.6392
CMYK	0.89, 0.48, 0.00, 0.64
HSL	212°, 80%, 20%
HSV	212°, 89%, 36%
XYZ	3.1139, 2.9511, 10.5307
YIQ	41.6540, -36.7720, 5.6280

# Conversions

## Conversions Part 2

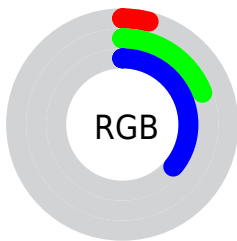
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 36, 92
Decimal	667740
CIE <sub>Lab</sub>	19.85, 5.48, -30.00
CIE <sub>LCh</sub>	20, 30.494, 280.345
Yxy	2.9511, 0.1876, 0.1778
Android (android.graphics.Color)	4278857820 (0xFF0A305C)
YUV	41.6540, 24.8206, -27.7606
Hunter-Lab	17.1789, 2.2924, -24.3198

# Details

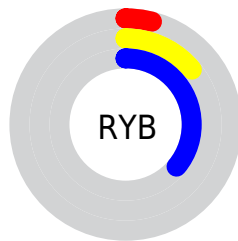
The Decimal color **667740** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6043146**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **4546191**, and **46** is the 20% darker color. If you saturate the color by 10%, you get **76636**, and if you desaturate by 10%, it is **1258844**.

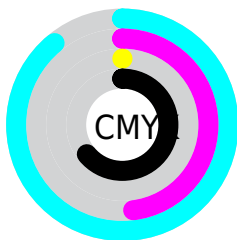
# Distribution



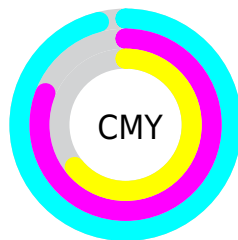
- Red (4%)
- Green (19%)
- Blue (36%)



- Red (4%)
- Yellow (14%)
- Blue (36%)



- Cyan (89%)
- Magenta (48%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 667740 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 667740 by changing the saturation by 10% instead.



■ 667740                      ■ 667740

16777215                      ■ 7236

■ 4546191                      ■ 46

■ 6256297                      ■ 280

■ 8032453                      ■ 0

■ 9808609

■ 11585022

■ 13427199

■ 15335167

■ 667740                      ■ 667740

■ 76636

■ 1258844

■ 11100

■ 1849948

■ 2506588

■ 3097692

■ 3688796

■ 4279900

■ 4871004

■ 5527388

■ 6118492

# Harmonies

## Analogous

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



13914



667740



3876690

# Triad

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



667740



5513236



14624

# Complementary

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



667740



6043146

# 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.



1783562



667740



4663552

# Square

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



667740



5773865



3420416



14903

# Rectangle

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



667740



4923462



3420416



14617



# Sweetspot

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



667740



5727864



678966



2765629



12434877



4013373



# Same Dimension

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



667740



14456



854620



2698030



13166



28397



# Inverse Universe

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



6031920



7864376



5856266



3025195



7209011



15532142



# Previews

## White Background



This preview shows how the Decimal color 667740 looks on a white background.

### Color Contrast Check

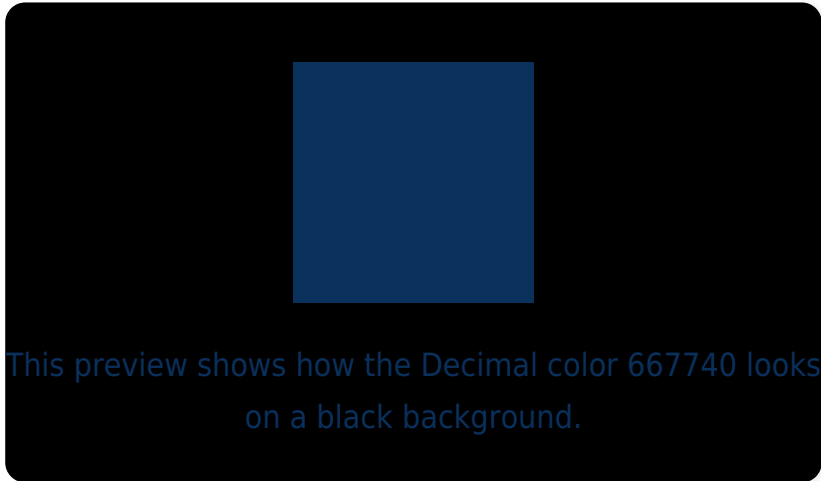
Large Text (above 18pt) WCAG AA ✓ Pass

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 667740 Background



This preview shows how black text looks on a background with the Decimal color 667740.



This preview shows how white text looks on a background with the Decimal color 667740.

# 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**  
667740

**Protanopia**  
1650523

**Deuteranopia**  
12630



**Tritanopia**  
13881

# Trichromacy



**Original Color**  
667740

**Protanomaly**  
1322843

**Deuteranomaly**  
274776

**Tritanomaly**  
275526

# Monochromacy



**Original Color**  
667740

**Achromatopsia**  
2763306

**Achromatomaly**  
1977404

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 667740 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 #0A305C looks like.

```
.text, #text, p{  
    color:#0A305C  
}
```

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 #0A305C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A305C
}
```

## Border

The CSS property to change the border of an element to Decimal 667740 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
#0A305C }
```

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

```
.border{ border-color:#0A305C }
```

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

Here you see how a box with a 4 pixel #0A305C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A305C; -webkit-box-shadow:4px 4px  
4px 4px #0A305C; box-shadow:4px 4px 4px  
4px #0A305C }
```

# Background

The CSS property to change the background color of an element to Decimal 667740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A305C }
```

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

```
.background{ background-color:#0A305C }
```

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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