

# Converting Colors

Decimal(671570)

Have a look what the booklet for  
Decimal(671570) contains.

<b>Decimal(671570)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(671570)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A3F52
RGB	10, 63, 82
RGB Percent	4%, 25%, 32%
CMY	0.9608, 0.7529, 0.6784
CMYK	0.88, 0.23, 0.00, 0.68
HSL	196°, 78%, 18%
HSV	196°, 88%, 32%
XYZ	3.4257, 4.2287, 8.6183
YIQ	49.3190, -37.6870, -5.3270

# Conversions

## Conversions Part 2

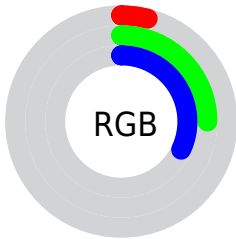
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 41, 82
Decimal	671570
CIE <sub>Lab</sub>	24.41, -9.04, -16.19
CIE <sub>LCh</sub>	24, 18.544, 240.836
Yxy	4.2287, 0.2105, 0.2599
Android (android.graphics.Color)	4278861650 (0xFF0A3F52)
<b>YUV</b>	49.3190, 16.1117, -34.4828
Hunter-Lab	20.5639, -6.2511, -10.4537

# Details

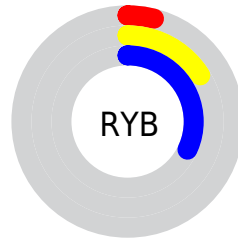
The Decimal color **671570** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5381386**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4419459**, and **5413** is the 20% darker color. If you saturate the color by 10%, you get **146770**, and if you desaturate by 10%, it is **1196370**.

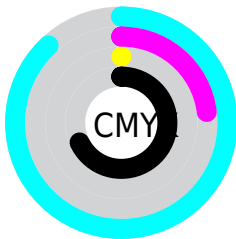
# Distribution



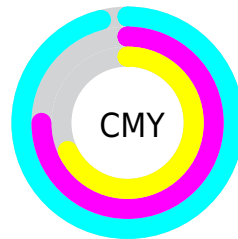
- Red (4%)
- Green (25%)
- Blue (32%)



- Red (4%)
- Yellow (16%)
- Blue (32%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (68%)



- Cyan (96%)
- Magenta (75%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 671570 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 671570 by changing the saturation by 10% instead.





671570



671570

16777215



10555



4419459



5413



6129822



271



7840441



0



9616852



11393521



13235967



15138815



671570



671570

■ 146770

■ 1196370

■ 15442

■ 1721170

■ 2311506

■ 2836562

■ 3361362

■ 3886162

■ 4410962

■ 5001298

■ 5526098

# Harmonies

## Analogous

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



16712



671570



2505558

# Triad

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



671570



5517114



3423522

# Complementary

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



671570



5381386

# 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.



4405534



671570



5517356

# Square

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



671570



4993352



5125154



2310188

# Rectangle

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



671570



3487828



5125154



3750943



# Sweetspot

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



671570



5203051



676380



2437430



11908533



3552822



# Same Dimension

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



671570



20331



662610



2435113



19817



44008



# Inverse Universe

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



5376575



7012431



5390346



2696488



6881357



15204523



# Previews

## White Background



This preview shows how the Decimal color 671570 looks on a white background.

### Color Contrast Check

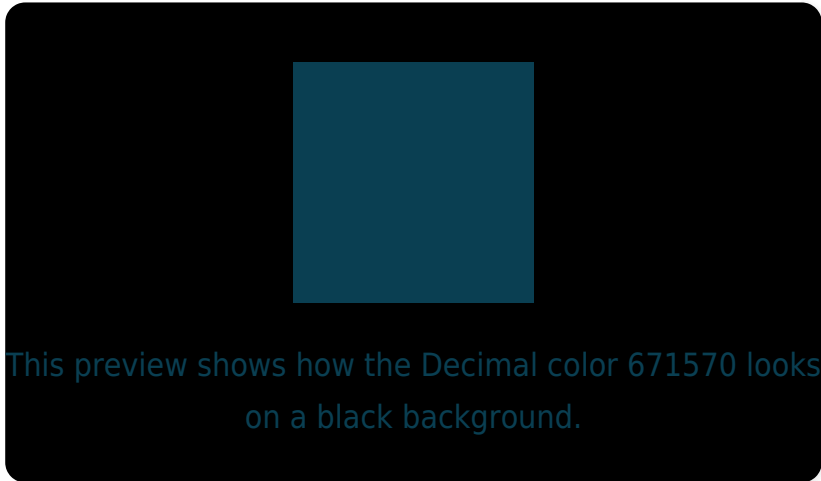
Large Text (above 18pt) WCAG AA ✓ Pass

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

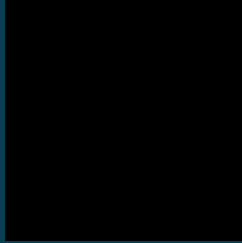
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

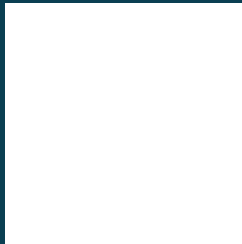
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 671570 Background



This preview shows how black text looks on a background with the Decimal color 671570.



This preview shows how white text looks on a background with the Decimal color 671570.

# 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**  
671570

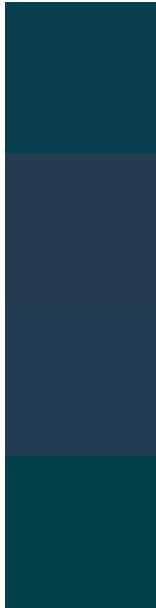
**Protanopia**  
3422542

**Deuteranopia**  
3226195



**Tritanopia**  
16710

# Trichromacy



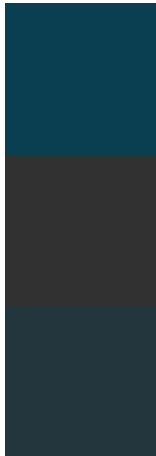
**Original Color**  
671570

**Protanomaly**  
2440015

**Deuteranomaly**  
2309203

**Tritanomaly**  
278602

# Monochromacy



**Original Color**  
671570

**Achromatopsia**  
3223857

**Achromatomaly**  
2307645

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 671570 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 #0A3F52 looks like.

```
.text, #text, p{  
    color:#0A3F52  
}
```

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 #0A3F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A3F52
}
```

## Border

The CSS property to change the border of an element to Decimal 671570 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
#0A3F52 }
```

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

```
.border{ border-color:#0A3F52 }
```

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

Here you see how a box with a 4 pixel #0A3F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A3F52; -webkit-box-shadow:4px 4px  
4px 4px #0A3F52; box-shadow:4px 4px 4px  
4px #0A3F52 }
```

# Background

The CSS property to change the background color of an element to Decimal 671570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A3F52 }
```

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

```
.background{ background-color:#0A3F52 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor