

Converting Colors

Decimal(471650)

Have a look what the booklet for
Decimal(471650) contains.

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Color

Decimal(471650)

Conversions

Conversions Part 1

Format	Color
Hex	073262
RGB	7, 50, 98
RGB Percent	3%, 20%, 38%
CMY	0.9725, 0.8039, 0.6157
CMYK	0.93, 0.49, 0.00, 0.62
HSL	212°, 87%, 21%
HSV	212°, 93%, 38%
XYZ	3.4328, 3.2082, 11.9936
YIQ	42.6150, -41.0360, 5.8120

Conversions

Conversions Part 2

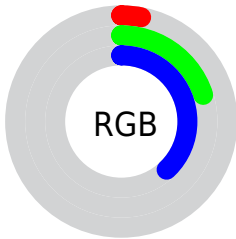
Format	Color
R_YB	7, 36, 98
Decimal	471650
CIE Lab	20.86, 6.40, -32.32
CIE LCh	21, 32.949, 281.199
Yxy	3.2082, 0.1842, 0.1722
Android (android.graphics.Color)	4278661730 (0xFF073262)
YUV	42.6150, 27.3048, -31.2344
Hunter-Lab	17.9115, 2.8653, -27.1627

Details

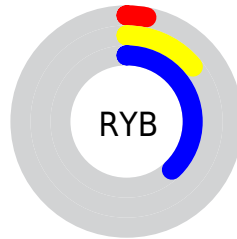
The Decimal color **471650** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6436615**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4612245**, and **563** is the 20% darker color. If you saturate the color by 10%, you get **11874**, and if you desaturate by 10%, it is **1128290**.

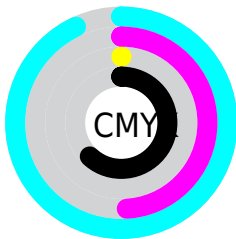
Distribution



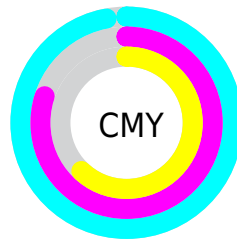
- Red (3%)
- Green (20%)
- Blue (38%)



- Red (3%)
- Yellow (14%)
- Blue (38%)



- Cyan (93%)
- Magenta (49%)
- Yellow (0%)
- Black (62%)



- Cyan (97%)
- Magenta (80%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 471650 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 471650 by changing the saturation by 10% instead.

■ 471650 ■ 471650

16777215 ■ 7498

■ 4612245 ■ 563

■ 6322352 ■ 541

■ 8098508 ■ 0

■ 9874664

■ 11716863

■ 13559039

■ 15466495

■ 471650 ■ 471650

■ 11874

■ 1128290

■ 1784930

■ 2376290

■ 3032930

■ 3689570

■ 4346210

■ 5002850

■ 5593954

■ 6250850

Harmonies

Analogous

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



14688



471650



4138839

Triad

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



471650



5775635



15394

Complementary

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



471650



6436615

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.



1718537



471650



4860672

Square

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



471650



6101290



3552256



15675

Rectangle

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



471650



5251146



3552256



15385

Sweetspot

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



471650



6057344



483894



2765888



12566463



4210752

Same Dimension

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



471650



15488



591714



2895408



13680



29168

Inverse Universe

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



6424370



8388668



6316551



3157038



7340085



15728753

Previews

White Background



This preview shows how the Decimal color 471650 looks on a white background.

Color Contrast Check

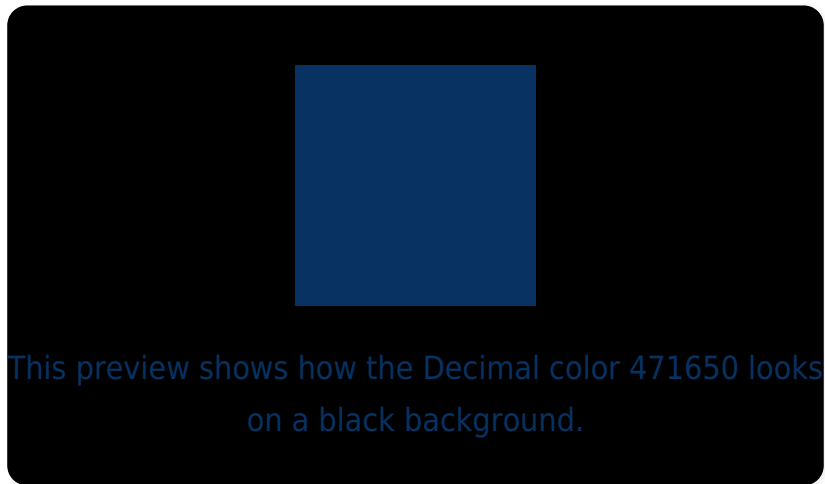
Large Text (above 18pt) WCAG AA ✓ Pass

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

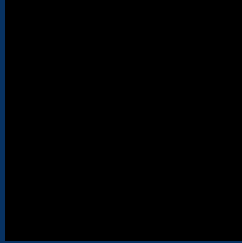
Any Text WCAG AA × Fail

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 471650 Background



This preview shows how black text looks on a background with the Decimal color 471650.



This preview shows how white text looks on a background with the Decimal color 471650.

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
471650

Protanopia
1519969

Deuteranopia
13402



Tritanopia
14396

Trichromacy



Original Color
471650

Protanomaly
1126753

Deuteranomaly
209757

Tritanomaly
210506

Monochromacy



Original Color
471650

Achromatopsia
2829099

Achromatomaly
1977919

CSS Examples

Text

The CSS property to change the color of the text to Decimal 471650 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 #073262 looks like.

```
.text, #text, p{  
    color:#073262  
}
```

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 #073262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #073262
}
```

Border

The CSS property to change the border of an element to Decimal 471650 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
#073262 }
```

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

```
.border{ border-color:#073262 }
```

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

Here you see how a box with a 4 pixel #073262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #073262; -webkit-box-shadow:4px 4px  
4px 4px #073262; box-shadow:4px 4px 4px  
4px #073262 }
```

Background

The CSS property to change the background color of an element to Decimal 471650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#073262 }
```

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

```
.background{ background-color:#073262 }
```

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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