

Converting Colors

Decimal(992366)

Have a look what the booklet for
Decimal(992366) contains.

Decimal(992366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(992366)

Conversions

Conversions Part 1

Format	Color
Hex	0F246E
RGB	15, 36, 110
RGB Percent	6%, 14%, 43%
CMY	0.9412, 0.8588, 0.5686
CMYK	0.86, 0.67, 0.00, 0.57
HSL	227°, 76%, 25%
HSV	227°, 86%, 43%
XYZ	3.6424, 2.4891, 15.0403
YIQ	38.1570, -36.2700, 18.5620

Conversions

Conversions Part 2

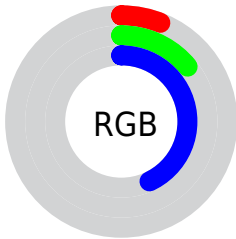
Format	Color
R_{YB}	15, 32, 110
Decimal	992366
CIE _{Lab}	17.87, 22.58, -44.99
CIE _{LCh}	18, 50.341, 296.655
Yxy	2.4891, 0.1720, 0.1176
Android (android.graphics.Color)	4279182446 (0xFF0F246E)
YUV	38.1570, 35.4186, -20.3087
Hunter-Lab	15.7769, 13.6001, -45.4782

Details

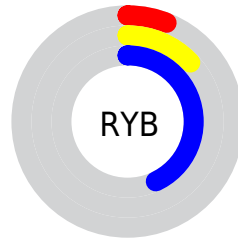
The Decimal color **992366** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7231759**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **5132450**, and **61** is the 20% darker color. If you saturate the color by 10%, you get **269166**, and if you desaturate by 10%, it is **1715566**.

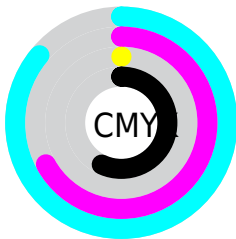
Distribution



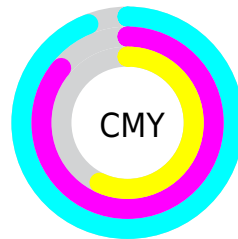
- Red (6%)
- Green (14%)
- Blue (43%)



- Red (6%)
- Yellow (13%)
- Blue (43%)



- Cyan (86%)
- Magenta (67%)
- Yellow (0%)
- Black (57%)



- Cyan (94%)
- Magenta (86%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 992366 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 992366 by changing the saturation by 10% instead.



992366



992366

16777215



4437



5132450



61



6908094



807



8683994



272



10525687



0



12433151



14275327



16248575



992366



992366

■ 269166

■ 1715566

■ 6254

■ 2438510

■ 3161710

■ 3884654

■ 4607854

■ 5330798

■ 6053998

■ 6777198

■ 7500142

Harmonies

Analogous

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



12918



992366



5309524

Triad

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



992366



5576192



14630

Complementary

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



992366



7231759

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.



14080



992366



3877120

Square

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



992366



6619149



1454848



14924

Rectangle

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



992366



6422590



1454848



14618

Sweetspot

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



992366



6976143



1011288



3225159



13092807



4671303

Same Dimension

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



992366



8335



2625390



3290168



6776



14327

Inverse Universe

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



7212836



9371680



5598735



3682868



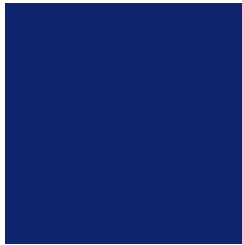
7864346



16187447

Previews

White Background



This preview shows how the Decimal color 992366 looks on a white background.

Color Contrast Check

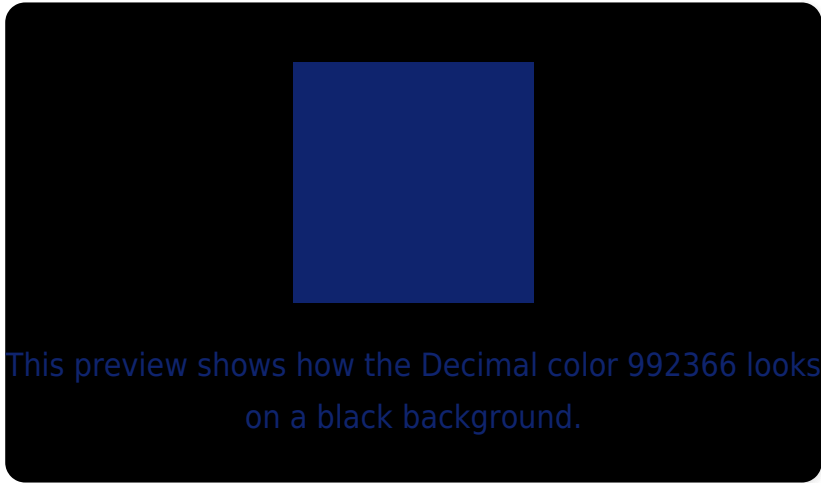
Large Text (above 18pt) WCAG AA ✓ Pass

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

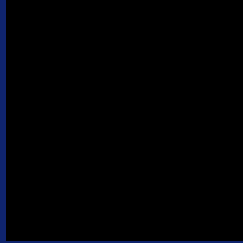
Any Text WCAG AA × Fail

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 992366 Background



This preview shows how black text looks on a background with the Decimal color 992366.



This preview shows how white text looks on a background with the Decimal color 992366.

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
992366

Protanopia
11098

Deuteranopia
11853



Tritanopia
12596

Trichromacy



Original Color
992366

Protanomaly
338017

Deuteranomaly
338521

Tritanomaly
339017

Monochromacy



Original Color
992366

Achromatopsia
2500134

Achromatomaly
1975616

CSS Examples

Text

The CSS property to change the color of the text to Decimal 992366 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 #0F246E looks like.

```
.text, #text, p{  
    color:#0F246E  
}
```

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 #0F246E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F246E
}
```

Border

The CSS property to change the border of an element to Decimal 992366 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
#0F246E }
```

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

```
.border{ border-color:#0F246E }
```

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

Here you see how a box with a 4 pixel #0F246E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F246E; -webkit-box-shadow:4px 4px  
4px 4px #0F246E; box-shadow:4px 4px 4px  
4px #0F246E }
```

Background

The CSS property to change the background color of an element to Decimal 992366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F246E }
```

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

```
.background{ background-color:#0F246E }
```

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