

Converting Colors

Decimal(983961)

Have a look what the booklet for
Decimal(983961) contains.

| | |
|--|----|
| Decimal(983961) | 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(983961)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0F0399 |
| RGB | 15, 3, 153 |
| RGB Percent | 6%, 1%, 60% |
| CMY | 0.9412, 0.9882, 0.4000 |
| CMYK | 0.90, 0.98, 0.00, 0.40 |
| HSL | 245°, 96%, 31% |
| HSV | 245°, 98%, 60% |
| XYZ | 5.9793, 2.4666, 30.2979 |
| YIQ | 23.6880, -40.9980, 49.1940 |

Conversions

Conversions Part 2

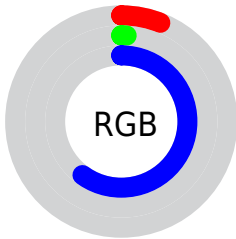
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 15, 3, 153 |
| Decimal | 983961 |
| CIE _{Lab} | 17.77, 53.31, -72.35 |
| CIE _{LCh} | 18, 89.872, 306.383 |
| Yxy | 2.4666, 0.1543, 0.0637 |
| Android (android.graphics.Color) | 4279174041 (0xFF0F0399) |
| YUV | 23.6880, 63.7508, -7.6194 |
| Hunter-Lab | 15.7054, 40.4739, -103.3852 |

Details

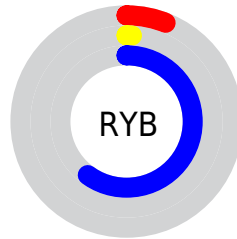
The Decimal color **983961** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **9279747**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6175185**, and **100** is the 20% darker color. If you saturate the color by 10%, you get **786585**, and if you desaturate by 10%, it is **1905305**.

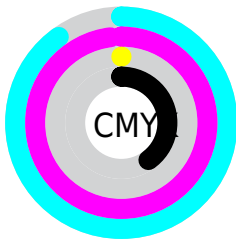
Distribution



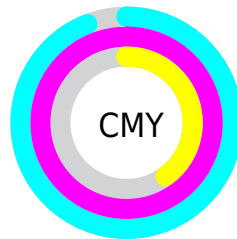
- Red (6%)
- Green (1%)
- Blue (60%)



- Red (6%)
- Yellow (1%)
- Blue (60%)



- Cyan (90%)
- Magenta (98%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (99%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 983961 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 983961 by changing the saturation by 10% instead.

■ 983961 ■ 983961

■ 16774911 ■ 126

■ 6175185 ■ 100

■ 8213486 ■ 2379

■ 10185983 ■ 1075

■ 12158719 ■ 541

■ 14131711 ■ 0

■ 16104959

■ 16767487

■ 983961 ■ 983961

■ 786585

■ 1905305

■ 2826905

■ 3748249

■ 4669593

■ 5590937

■ 6512537

■ 7499417

■ 8420761

■ 9342361

Harmonies

Analogous

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



14004



983961



8061025

Triad

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



983961



6096640



15929

Complementary

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



983961



9279747

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.



15616



983961



2764544

Square

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



983961



8388608



14592



16762

Rectangle

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



983961



9240631



14592



15650

Sweetspot

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



983961



9604551



233369



4407651



14935011



6513507

Same Dimension

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



983961



1048775



5768089



4539725



721036



65549

Inverse Universe

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



10027917



13041847



4495619



5064012



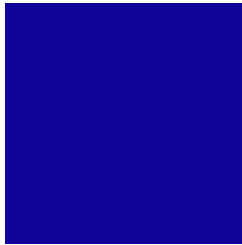
9175169



851980

Previews

White Background



This preview shows how the Decimal color 983961 looks on a white background.

Color Contrast Check

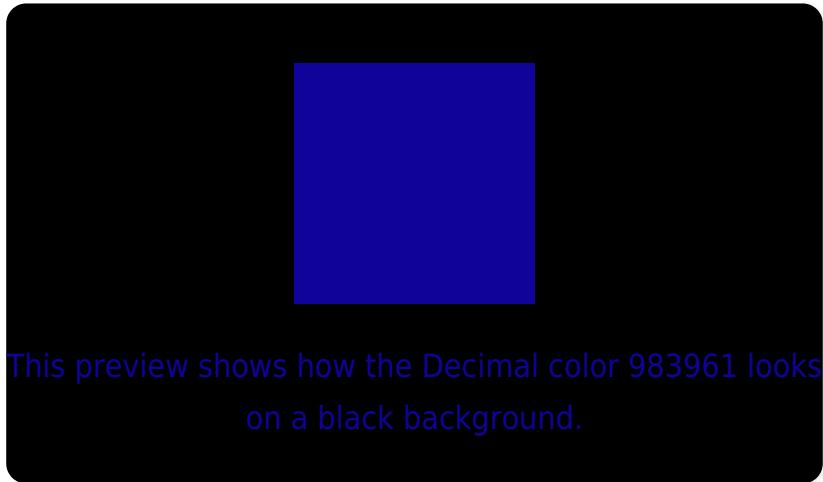
Large Text (above 18pt) WCAG AA ✓ Pass

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

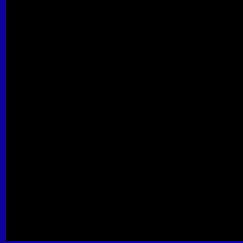
Any Text WCAG AA × Fail

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 983961 Background



This preview shows how black text looks on a background with the Decimal color 983961.



This preview shows how white text looks on a background with the Decimal color 983961.

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
983961

Protanopia
11615

Deuteranopia
12368



Tritanopia
13366

Trichromacy



Original Color
983961

Protanomaly
335476

Deuteranomaly
335979

Tritanomaly
336474

Monochromacy



Original Color
983961

Achromatopsia
1579032

Achromatomaly
1380423

CSS Examples

Text

The CSS property to change the color of the text to Decimal 983961 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 #0F0399 looks like.

```
.text, #text, p{  
    color:#0F0399  
}
```

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 #0F0399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0399
}
```

Border

The CSS property to change the border of an element to Decimal 983961 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".

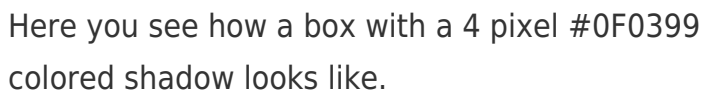
```
.border, #border, table{ border:4px solid
#0F0399 }
```

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

```
.border{ border-color:#0F0399 }
```

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

Here you see how a box with a 4 pixel #0F0399 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0399; -webkit-box-shadow:4px 4px  
4px 4px #0F0399; box-shadow:4px 4px 4px  
4px #0F0399 }
```

Background

The CSS property to change the background color of an element to Decimal 983961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0399 }
```

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

```
.background{ background-color:#0F0399 }
```

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