

Converting Colors

Decimal(10401)

Have a look what the booklet for
Decimal(10401) contains.

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Color

Decimal(10401)

Conversions

Conversions Part 1

Format	Color
Hex	0028A1
RGB	0, 40, 161
RGB Percent	0%, 16%, 63%
CMY	1.0000, 0.8431, 0.3686
CMYK	1.00, 0.75, 0.00, 0.37
HSL	225°, 100%, 32%
HSV	225°, 100%, 63%
XYZ	7.1918, 4.0908, 34.1288
YIQ	41.8340, -62.6810, 29.1510

Conversions

Conversions Part 2

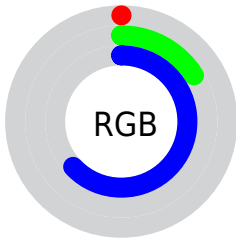
Format	Color
RYB	0, 32, 161
Decimal	10401
CIELab	23.97, 39.20, -66.94
CIElCh	24, 77.577, 300.351
Yxy	4.0908, 0.1584, 0.0901
Android (android.graphics.Color)	4278200481 (0xFF0028A1)
YUV	41.8340, 58.7488, -36.6884
Hunter-Lab	20.2257, 28.0757, -85.8877

Details

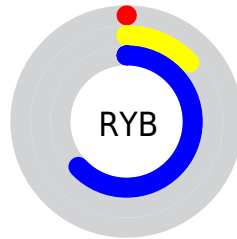
The Decimal color **10401** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10582272**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **5920473**, and **108** is the 20% darker color. If you saturate the color by 10%, you get **10401**, and if you desaturate by 10%, it is **1062049**.

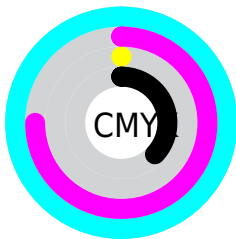
Distribution



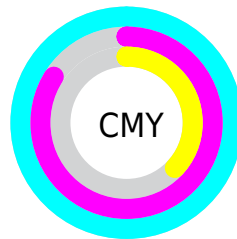
- Red (0%)
- Green (16%)
- Blue (63%)



- Red (0%)
- Yellow (13%)
- Blue (63%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (37%)




















- Cyan (100%)
- Magenta (84%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10401 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 10401 by changing the saturation by 10% instead.

 10401	 10401
 16777215	 4998
 5920473	 108
 7958262	 339
 9931007	 1595
 11838207	 548
 13811455	 12
 15784703	 0
 16774911	

 10401

■ 1062049

■ 2113697

■ 3165345

■ 4216993

■ 5334177

■ 6386081

■ 7437729

■ 8489377

■ 9541025

Harmonies

Analogous

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



17330



10401



7929972

Triad

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



10401



7476736



19512

Complementary

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



10401



10582272

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.



18944



10401



4601856

Square

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



10401



9371648



17664



20084

Rectangle

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



10401



9437263



17664



19491

Sweetspot

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



10401



9609937



41337



4410473



15263976



6908265

Same Dimension

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



10401



13521



2621601



4803410



9361



1042

Inverse Universe

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



10551336



13697076



7971072



5392715



9502756



1179652

Previews

White Background



This preview shows how the Decimal color 10401 looks on a white background.

Color Contrast Check

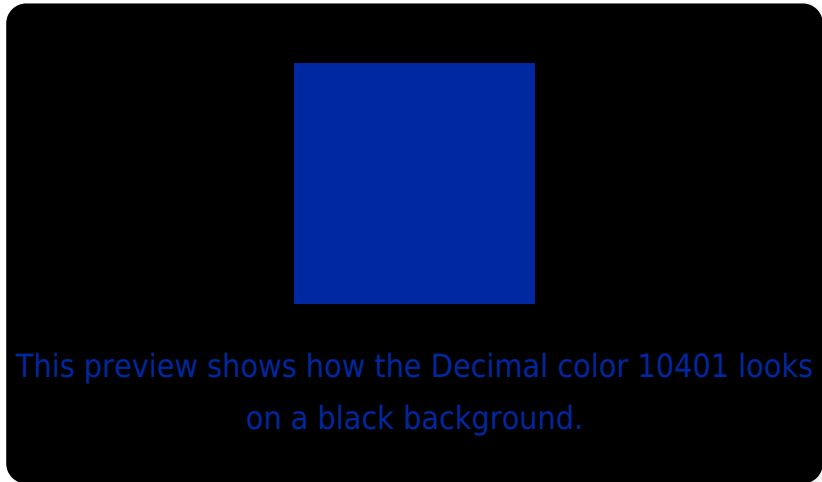
Large Text (above 18pt) WCAG AA ✓ Pass

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

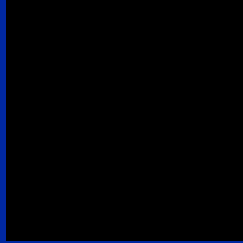
Any Text WCAG AA × Fail

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 10401 Background



This preview shows how black text looks on a background with the Decimal color 10401.

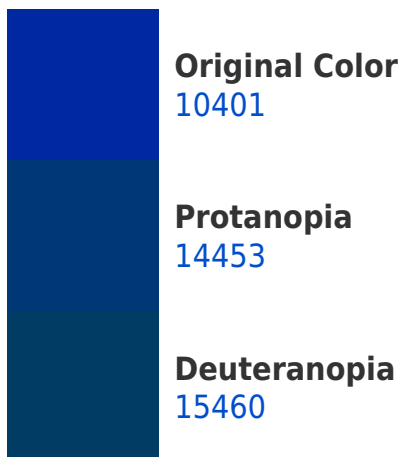


This preview shows how white text looks on a background with the Decimal color 10401.

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



Trichromacy



Original Color
10401

Protanomaly
12933

Deuteranomaly
13690

Tritanomaly
14182

Monochromacy



Original Color
10401

Achromatopsia
2763306

Achromatomaly
1780053

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10401 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 #0028A1 looks like.

```
.text, #text, p{  
    color:#0028A1  
}
```

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 #0028A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0028A1
}
```

Border

The CSS property to change the border of an element to Decimal 10401 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
#0028A1 }
```

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

```
.border{ border-color:#0028A1 }
```

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

Here you see how a box with a 4 pixel #0028A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0028A1; -webkit-box-shadow:4px 4px  
4px 4px #0028A1; box-shadow:4px 4px 4px  
4px #0028A1 }
```

Background

The CSS property to change the background color of an element to Decimal 10401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0028A1 }
```

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

```
.background{ background-color:#0028A1 }
```

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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