

Converting Colors

Decimal(17321)

Have a look what the booklet for
Decimal(17321) contains.

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Color

Decimal(17321)

Conversions

Conversions Part 1

Format	Color
Hex	0043A9
RGB	0, 67, 169
RGB Percent	0%, 26%, 66%
CMY	1.0000, 0.7373, 0.3373
CMYK	1.00, 0.60, 0.00, 0.34
HSL	216°, 100%, 33%
HSV	216°, 100%, 66%
XYZ	9.1686, 6.8789, 38.3806
YIQ	58.5950, -72.6740, 17.5180

Conversions

Conversions Part 2

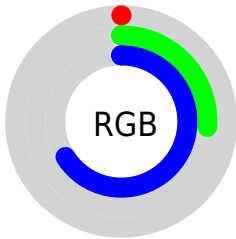
Format	Color
RYB	0, 48, 169
Decimal	17321
CIELab	31.53, 24.44, -59.33
CIELCh	32, 64.170, 292.389
Yxy	6.8789, 0.1685, 0.1264
Android (android.graphics.Color)	4278207401 (0xFF0043A9)
YUV	58.5950, 54.4297, -51.3878
Hunter-Lab	26.2276, 16.5012, -68.4037

Details

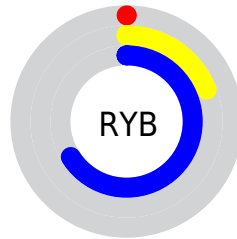
The Decimal color **17321** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11101696**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **5927649**, and **6772** is the 20% darker color. If you saturate the color by 10%, you get **17321**, and if you desaturate by 10%, it is **1133993**.

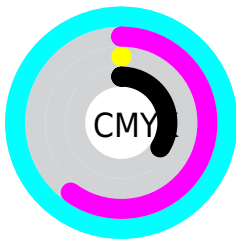
Distribution



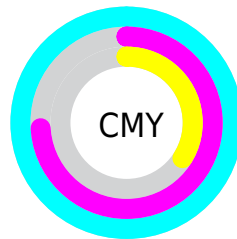
- Red (0%)
- Green (26%)
- Blue (66%)



- Red (0%)
- Yellow (19%)
- Blue (66%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (34%)



















- Cyan (100%)
- Magenta (74%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 17321 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 17321 by changing the saturation by 10% instead.

 17321	 17321
 16777215	 11662
 5927649	 6772
 7965950	 90
 9873151	 1858
 11846143	 811
 13819391	 277
 15792639	 0

 17321

 1133993

■ 2250665

■ 3367593

■ 4484265

■ 5535401

■ 6652073

■ 7768745

■ 8885673

■ 10002345

Harmonies

Analogous

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



21936



17321



7807625

Triad

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



17321



8988928



23867

Complementary

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



17321



11101696

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.



23040



17321



6702080

Square

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



17321



10289192



3691264



24176

Rectangle

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



17321



9568362



3691264



23849

Sweetspot

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



17321



10138843



43365



4609646



15592941



7237230

Same Dimension

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



17321



22491



1114281



5001044



15252



2068

Inverse Universe

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



11075651



14352471



10004736



5524559



9699387



1310728

Previews

White Background



This preview shows how the Decimal color 17321 looks on a white background.

Color Contrast Check

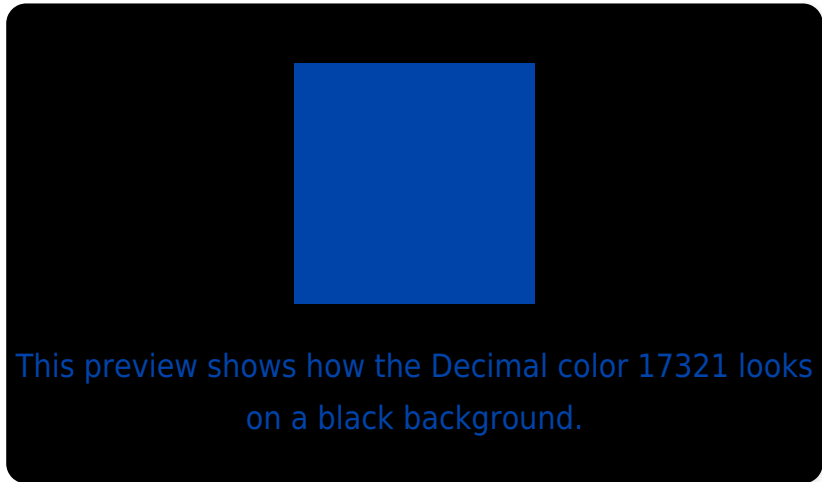
Large Text (above 18pt) WCAG AA ✓ Pass

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

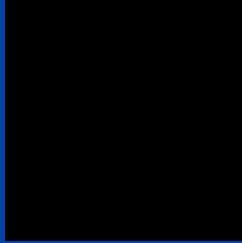
Any Text WCAG AA × Fail

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 17321 Background



This preview shows how black text looks on a background with the Decimal color 17321.



This preview shows how white text looks on a background with the Decimal color 17321.

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

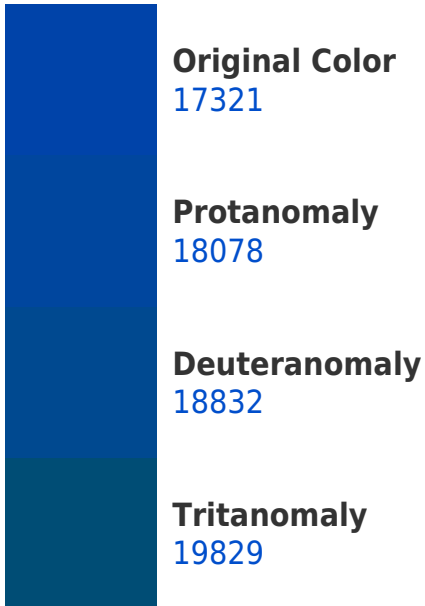


Original Color
17321

Protanopia
18584

Deuteranopia
19586

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 17321 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 #0043A9 looks like.

```
.text, #text, p{  
    color:#0043A9  
}
```

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 #0043A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0043A9
}
```

Border

The CSS property to change the border of an element to Decimal 17321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

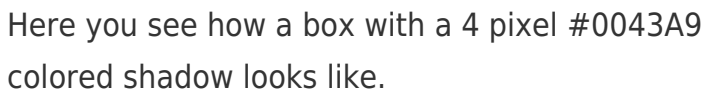
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0043A9 }
```

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

```
.border{ border-color:#0043A9 }
```

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



Here you see how a box with a 4 pixel #0043A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0043A9; -webkit-box-shadow:4px 4px  
4px 4px #0043A9; box-shadow:4px 4px 4px  
4px #0043A9 }
```

Background

The CSS property to change the background color of an element to Decimal 17321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0043A9 }
```

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

```
.background{ background-color:#0043A9 }
```

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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