

Converting Colors

Decimal(12969)

Have a look what the booklet for
Decimal(12969) contains.

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Color

Decimal(12969)

Conversions

Conversions Part 1

Format	Color
Hex	0032A9
RGB	0, 50, 169
RGB Percent	0%, 20%, 66%
CMY	1.0000, 0.8039, 0.3373
CMYK	1.00, 0.70, 0.00, 0.34
HSL	222°, 100%, 33%
HSV	222°, 100%, 66%
XYZ	8.3020, 5.1458, 38.0918
YIQ	48.6160, -67.9990, 26.4090

Conversions

Conversions Part 2

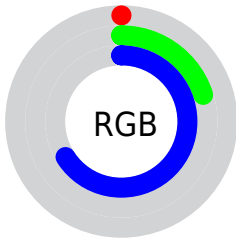
Format	Color
RYB	0, 39, 169
Decimal	12969
CIELab	27.15, 35.87, -66.53
CIELCh	27, 75.589, 298.331
Yxy	5.1458, 0.1611, 0.0998
Android (android.graphics.Color)	4278203049 (0xFF0032A9)
YUV	48.6160, 59.3493, -42.6362
Hunter-Lab	22.6843, 25.6301, -83.6815

Details

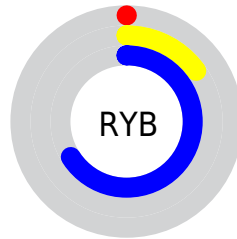
The Decimal color **12969** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **11106048**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **6054113**, and **2931** is the 20% darker color. If you saturate the color by 10%, you get **12969**, and if you desaturate by 10%, it is **1130153**.

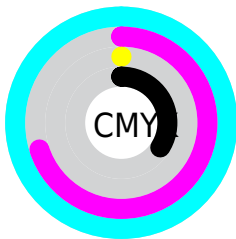
Distribution



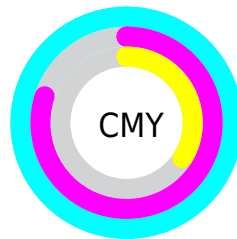
- Red (0%)
- Green (20%)
- Blue (66%)



- Red (0%)
- Yellow (15%)
- Blue (66%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (34%)



















- Cyan (100%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12969 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 12969 by changing the saturation by 10% instead.

 12969	 12969
 16777215	 7566
 6054113	 2931
 8092159	 90
 10064895	 1857
 11972351	 810
 14010879	 277
 15984127	 0

 12969

 1130153

■ 2247337

■ 3364521

■ 4481705

■ 5533353

■ 6650281

■ 7767465

■ 8884649

■ 10001833

Harmonies

Analogous

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



19384



12969



8192126

Triad

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



12969



8199168



21563

Complementary

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



12969



11106048

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.



20992



12969



5389824

Square

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



12969



9961486



936960



21879

Rectangle

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



12969



9830489



936960



21286

Sweetspot

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



12969



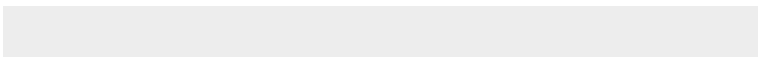
10137051



43382



4608622



15592941



7237230

Same Dimension

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



12969



16859



2228393



5000788



11412



1556

Inverse Universe

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



11075634



14352449



8890624



5524558



9699372



1310726

Previews

White Background



This preview shows how the Decimal color 12969 looks on a white background.

Color Contrast Check

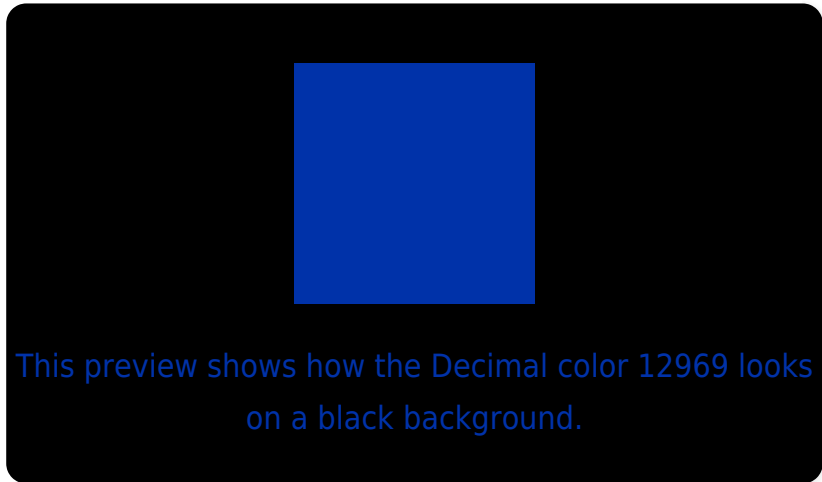
Large Text (above 18pt) WCAG AA ✓ Pass

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

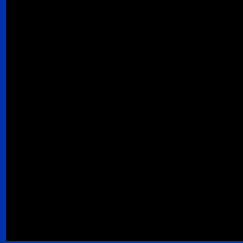
Any Text WCAG AA × Fail

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 12969 Background



This preview shows how black text looks on a background with the Decimal color 12969.



This preview shows how white text looks on a background with the Decimal color 12969.

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
12969

Protanomaly
14993

Deuteranomaly
15749

Tritanomaly
16494

Monochromacy



Original Color
12969

Achromatopsia
322387

Achromatomaly
2044253

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12969 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 #0032A9 looks like.

```
.text, #text, p{  
    color:#0032A9  
}
```

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 #0032A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0032A9
}
```

Border

The CSS property to change the border of an element to Decimal 12969 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
#0032A9 }
```

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

```
.border{ border-color:#0032A9 }
```

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

Here you see how a box with a 4 pixel #0032A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0032A9; -webkit-box-shadow:4px 4px  
4px 4px #0032A9; box-shadow:4px 4px 4px  
4px #0032A9 }
```

Background

The CSS property to change the background color of an element to Decimal 12969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0032A9 }
```

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

```
.background{ background-color:#0032A9 }
```

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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