

Converting Colors

Decimal(2465)

Have a look what the booklet for
Decimal(2465) contains.

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Color

Decimal(2465)

Conversions

Conversions Part 1

Format	Color
Hex	0009A1
RGB	0, 9, 161
RGB Percent	0%, 4%, 63%
CMY	1.0000, 0.9647, 0.3686
CMYK	1.00, 0.94, 0.00, 0.37
HSL	237°, 100%, 32%
HSV	237°, 100%, 63%
XYZ	6.5307, 2.7686, 33.9084
YIQ	23.6370, -54.1560, 45.3640

Conversions

Conversions Part 2

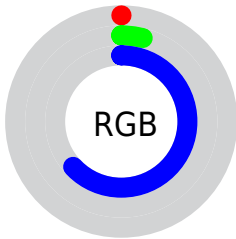
Format	Color
RYB	0, 9, 161
Decimal	2465
CIELab	19.09, 53.53, -75.06
CIELCh	19, 92.194, 305.496
Yxy	2.7686, 0.1511, 0.0641
Android (android.graphics.Color)	4278192545 (0xFF0009A1)
YUV	23.6370, 67.7200, -20.7296
Hunter-Lab	16.6391, 40.9416, -109.1785

Details

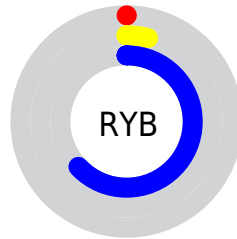
The Decimal color **2465** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10590208**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **6110681**, and **108** is the 20% darker color. If you saturate the color by 10%, you get **2465**, and if you desaturate by 10%, it is **1054881**.

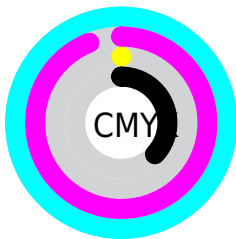
Distribution



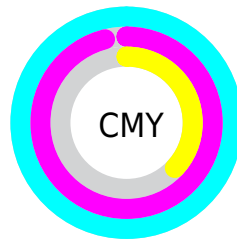
- Red (0%)
- Green (4%)
- Blue (63%)



- Red (0%)
- Yellow (4%)
- Blue (63%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (37%)




















- Cyan (100%)
- Magenta (96%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2465 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 2465 by changing the saturation by 10% instead.

 2465	 2465
 16775935	 134
 6110681	 108
 8148726	 1618
 10121471	 1338
 12159743	 548
 14132735	 11
 16105983	 0
 16768511	

 2465

■ 1054881

■ 2107297

■ 3159969

■ 4212385

■ 5330337

■ 6382753

■ 7435169

■ 8487841

■ 9540257

Harmonies

Analogous

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



15036



2465



8323176

Triad

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



2465



6489600



16954

Complementary

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



2465



10590208

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.



16384



2465



3092736

Square

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



2465



8847360



15360



17534

Rectangle

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



2465



9633852



15360



16674

Sweetspot

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



2465



9606865



41366



4408681



15263976



6908265

Same Dimension

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



2465



3281



4587681



4803154



2193



274

Inverse Universe

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



10551305



13697036



6004992



5392714



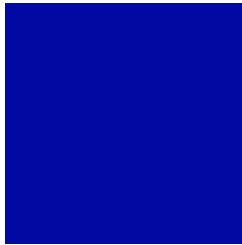
9502728



1179649

Previews

White Background



This preview shows how the Decimal color 2465 looks on a white background.

Color Contrast Check

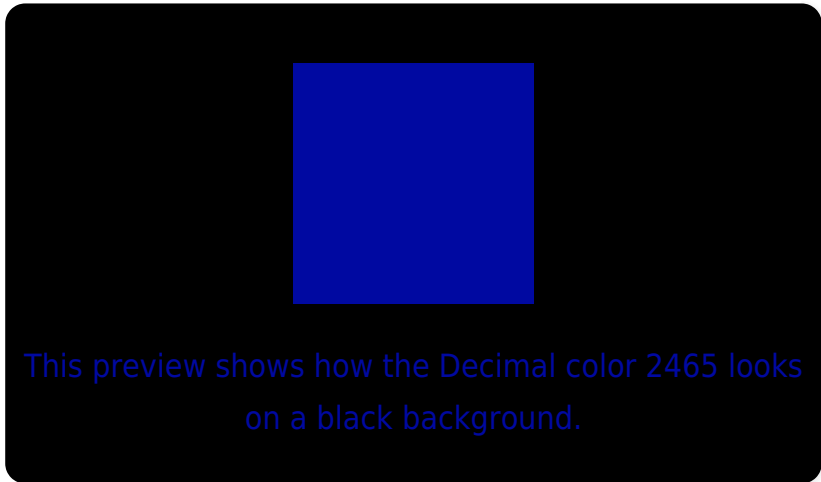
Large Text (above 18pt) WCAG AA ✓ Pass

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

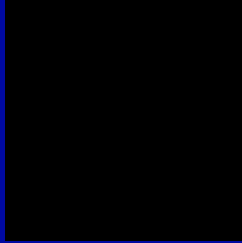
Any Text WCAG AA × Fail

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 2465 Background



This preview shows how black text looks on a background with the Decimal color 2465.

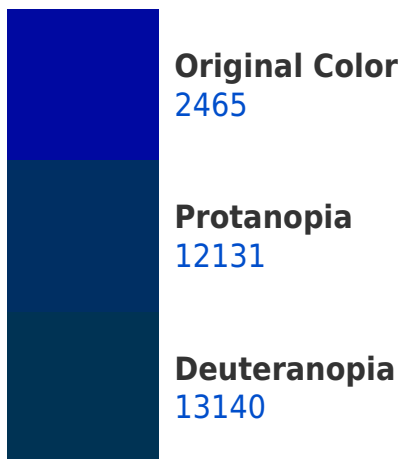


This preview shows how white text looks on a background with the Decimal color 2465.

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





Tritanopia
14137

Trichromacy



Original Color
2465

Protanomaly
8570

Deuteranomaly
9328

Tritanomaly
9823

Monochromacy



Original Color
2465

Achromatopsia
1579032

Achromatomaly
987978

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2465 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 #0009A1 looks like.

```
.text, #text, p{  
    color:#0009A1  
}
```

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 #0009A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0009A1
}
```

Border

The CSS property to change the border of an element to Decimal 2465 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
#0009A1 }
```

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

```
.border{ border-color:#0009A1 }
```

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

Here you see how a box with a 4 pixel #0009A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0009A1; -webkit-box-shadow:4px 4px  
4px 4px #0009A1; box-shadow:4px 4px 4px  
4px #0009A1 }
```

Background

The CSS property to change the background color of an element to Decimal 2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0009A1 }
```

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

```
.background{ background-color:#0009A1 }
```

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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