

Converting Colors

Decimal(4505)

Have a look what the booklet for
Decimal(4505) contains.

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Color

Decimal(4505)

Conversions

Conversions Part 1

Format	Color
Hex	001199
RGB	0, 17, 153
RGB Percent	0%, 7%, 60%
CMY	1.0000, 0.9333, 0.4000
CMYK	1.00, 0.89, 0.00, 0.40
HSL	233°, 100%, 30%
HSV	233°, 100%, 60%
XYZ	5.9502, 2.7008, 30.3447
YIQ	27.4210, -53.7880, 38.6920

Conversions

Conversions Part 2

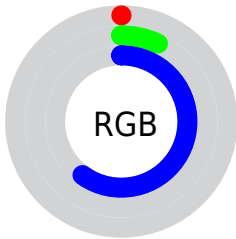
Format	Color
RYB	0, 15, 153
Decimal	4505
CIELab	18.80, 48.52, -70.63
CIELCh	19, 85.692, 304.486
Yxy	2.7008, 0.1526, 0.0693
Android (android.graphics.Color)	4278194585 (0xFF001199)
YUV	27.4210, 61.9104, -24.0482
Hunter-Lab	16.4341, 35.8688, -97.9717

Details

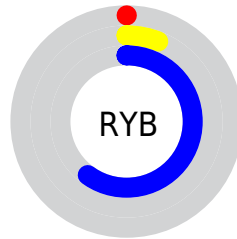
The Decimal color **4505** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10061824**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **5915089**, and **100** is the 20% darker color. If you saturate the color by 10%, you get **4505**, and if you desaturate by 10%, it is **991129**.

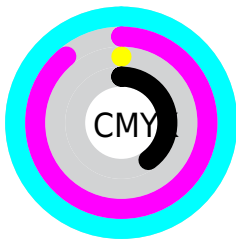
Distribution



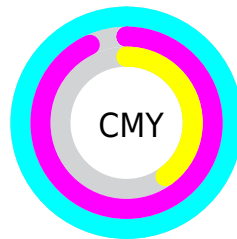
- Red (0%)
- Green (7%)
- Blue (60%)



- Red (0%)
- Yellow (6%)
- Blue (60%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (93%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4505 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 4505 by changing the saturation by 10% instead.

■ 4505 ■ 4505

■ 16776703 ■ 126

■ 5915089 ■ 100

■ 7887598 ■ 2379

■ 9860095 ■ 1076

■ 11832831 ■ 541

■ 13805823 ■ 0

■ 15779071

■ 16769279

■ 4505

■ 991129

■ 2043033

■ 3029657

■ 4016025

■ 5068185

■ 6054809

■ 7041177

■ 8027801

■ 9079705

Harmonies

Analogous

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



14513



4505



7864421

Triad

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



4505



6359040



16694

Complementary

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



4505



10061824

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.



16128



4505



3223296

Square

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



4505



8519680



14848



17269

Rectangle

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



4505



9109564



14848



16416

Sweetspot

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



4505



9147079



39303



4211811



14935011



6513507

Same Dimension

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



4505



5831



3866777



4539981



4236



269

Inverse Universe

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



10027025



13041686



6199552



5064006



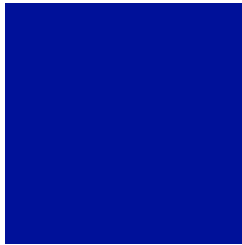
9175056



851969

Previews

White Background



This preview shows how the Decimal color 4505 looks on a white background.

Color Contrast Check

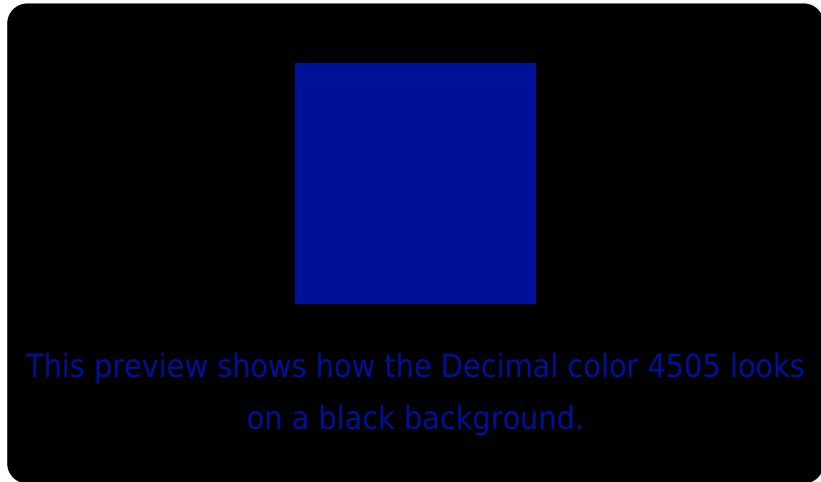
Large Text (above 18pt) WCAG AA ✓ Pass

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

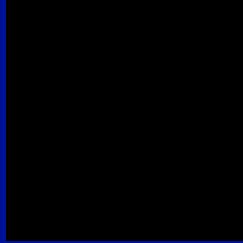
Any Text WCAG AA × Fail

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 4505 Background



This preview shows how black text looks on a background with the Decimal color 4505.

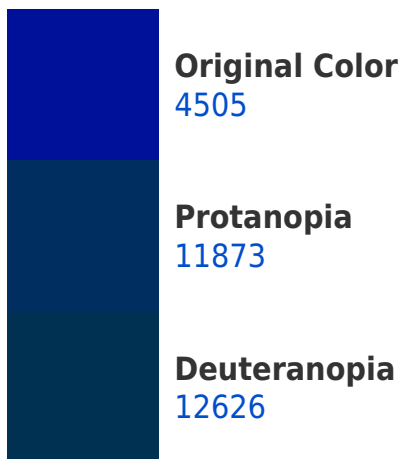


This preview shows how white text looks on a background with the Decimal color 4505.

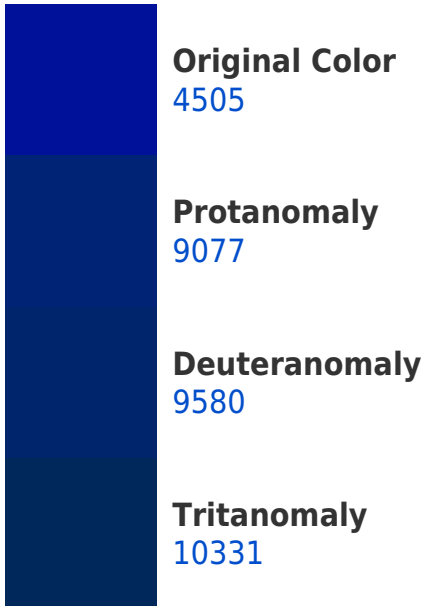
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4505 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 #001199 looks like.

```
.text, #text, p{  
    color:#001199  
}
```

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 #001199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001199
}
```

Border

The CSS property to change the border of an element to Decimal 4505 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
#001199 }
```

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

```
.border{ border-color:#001199 }
```

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

Here you see how a box with a 4 pixel #001199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001199; -webkit-box-shadow:4px 4px  
4px 4px #001199; box-shadow:4px 4px 4px  
4px #001199 }
```

Background

The CSS property to change the background color of an element to Decimal 4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001199 }
```

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

```
.background{ background-color:#001199 }
```

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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