

Converting Colors

Decimal(24473)

Have a look what the booklet for
Decimal(24473) contains.

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Color

Decimal(24473)

Conversions

Conversions Part 1

Format	Color
Hex	005F99
RGB	0, 95, 153
RGB Percent	0%, 37%, 60%
CMY	1.0000, 0.6275, 0.4000
CMYK	1.00, 0.38, 0.00, 0.40
HSL	203°, 100%, 30%
HSV	203°, 100%, 60%
XYZ	9.8420, 10.4843, 31.6419
YIQ	73.2070, -75.2380, -2.1020

Conversions

Conversions Part 2

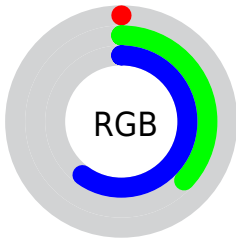
Format	Color
R _{YB}	0, 59, 153
Decimal	24473
CIE _{Lab}	38.70, -0.97, -38.17
CIE _{LCh}	39, 38.180, 268.537
Y _{xy}	10.4843, 0.1894, 0.2017
Android (android.graphics.Color)	4278214553 (0xFF005F99)
YUV	73.2070, 39.3379, -64.2025
Hunter-Lab	32.3795, -2.4078, -35.2738

Details

The Decimal color **24473** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10041856**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5542352**, and **12901** is the 20% darker color. If you saturate the color by 10%, you get **24473**, and if you desaturate by 10%, it is **1009049**.

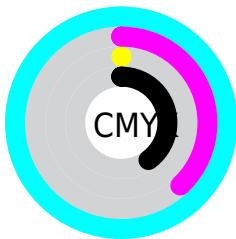
Distribution



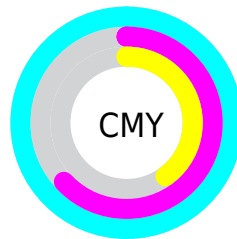
- Red (0%)
- Green (37%)
- Blue (60%)



- Red (0%)
- Yellow (23%)
- Blue (60%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



















- Cyan (100%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24473 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 24473 by changing the saturation by 10% instead.

 24473	 24473
 16777215	 18559
 5542352	 12901
 7515116	 7501
 9422847	 1334
 11330559	 544
 13238271	 4
 15138815	 0

 24473

 1009049

■ 2059161

■ 3043481

■ 4028057

■ 5078169

■ 6062745

■ 7047321

■ 8031641

■ 9081753

Harmonies

Analogous

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



26255



24473



5854354

Triad

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



24473



9650751



2385977

Complementary

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



24473



10041856

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.



5202465



24473



8736038

Square

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



24473



9584478



7166233



27225

Rectangle

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



24473



7687044



7166233



3499568

Sweetspot

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



24473



9154759



39224



4216419



14935011



6513507

Same Dimension

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



24473



31943



5273



4541005



22412



2061

Inverse Universe

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



10027103



13041787



10061056



5064010



9175127



851976

Previews

White Background



This preview shows how the Decimal color 24473 looks on a white background.

Color Contrast Check

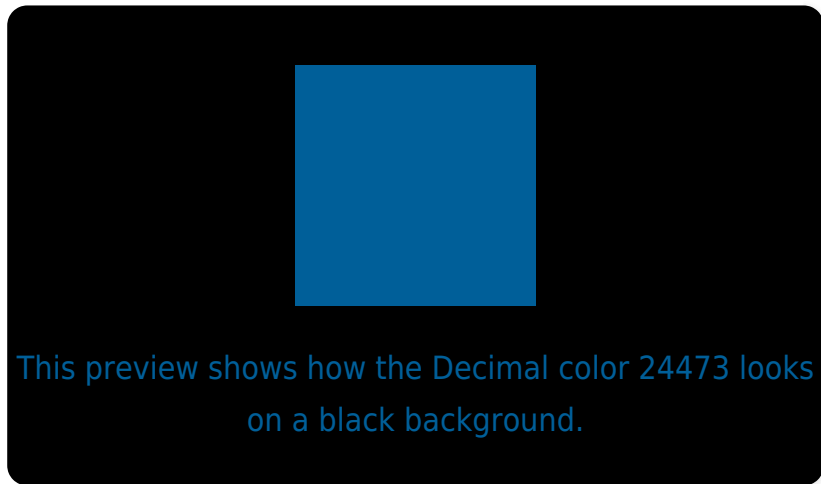
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

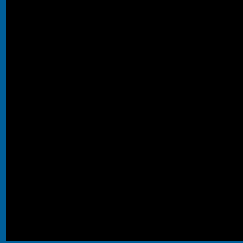
Any Text WCAG AA × Fail

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 24473 Background



This preview shows how black text looks on a background with the Decimal color 24473.



This preview shows how white text looks on a background with the Decimal color 24473.

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](#).

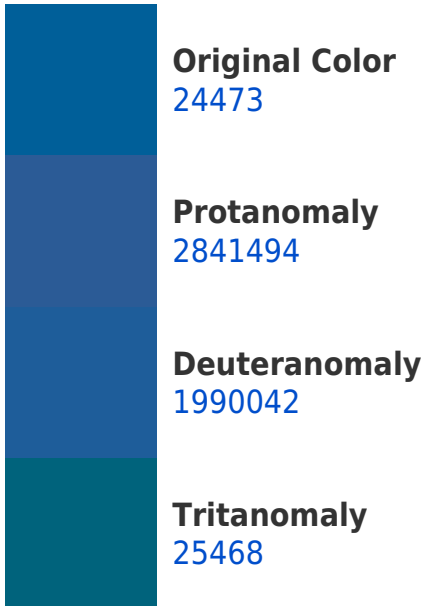
Dichromacy



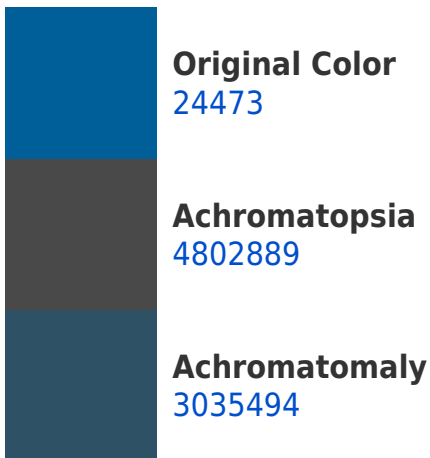


Tritanopia
25964

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24473 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 #005F99 looks like.

```
.text, #text, p{  
    color:#005F99  
}
```

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 #005F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F99
}
```

Border

The CSS property to change the border of an element to Decimal 24473 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
#005F99 }
```

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

```
.border{ border-color:#005F99 }
```

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

Here you see how a box with a 4 pixel #005F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F99; -webkit-box-shadow:4px 4px  
4px 4px #005F99; box-shadow:4px 4px 4px  
4px #005F99 }
```

Background

The CSS property to change the background color of an element to Decimal 24473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F99 }
```

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

```
.background{ background-color:#005F99 }
```

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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